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Appendix B.9

LTE Band 14

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1. Effective (Isotropic) Radiated Power Output Data

1.1 B14_5MHz_ERPAnt0

1.1.1 Test Result

Band: 14 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	790.5	1	0	24.21	-3.30	18.76	<=34.77	Pass
			13	24.21	-3.30	18.76	<=34.77	Pass
			24	24.24	-3.30	18.79	<=34.77	Pass
		12	0	23.21	-3.30	17.76	<=34.77	Pass
			6	23.19	-3.30	17.74	<=34.77	Pass
			13	23.18	-3.30	17.73	<=34.77	Pass
	793	1	0	23.24	-3.30	17.79	<=34.77	Pass
			0	22.21	-3.30	16.76	<=34.77	Pass
			13	22.21	-3.30	16.76	<=34.77	Pass
		12	24	22.22	-3.30	16.77	<=34.77	Pass
			0	22.22	-3.30	16.77	<=34.77	Pass
			6	22.22	-3.30	16.77	<=34.77	Pass
16QAM	795.5	1	13	22.21	-3.30	16.76	<=34.77	Pass
			24	22.22	-3.30	16.77	<=34.77	Pass
			0	22.58	-3.30	17.13	<=34.77	Pass
		12	6	22.58	-3.30	17.13	<=34.77	Pass
			13	22.57	-3.30	17.12	<=34.77	Pass
			25	0	22.58	-3.30	17.13	<=34.77
	790.5	1	0	23.29	-3.30	17.84	<=34.77	Pass
			13	23.29	-3.30	17.84	<=34.77	Pass
			24	23.33	-3.30	17.88	<=34.77	Pass
		12	0	22.25	-3.30	16.80	<=34.77	Pass
			6	22.22	-3.30	16.77	<=34.77	Pass
			13	22.20	-3.30	16.75	<=34.77	Pass
	793	1	0	22.26	-3.30	16.81	<=34.77	Pass
			0	22.22	-3.30	16.77	<=34.77	Pass
			13	22.22	-3.30	16.77	<=34.77	Pass
		12	24	22.21	-3.30	16.76	<=34.77	Pass
			0	22.21	-3.30	16.76	<=34.77	Pass
			6	22.22	-3.30	16.77	<=34.77	Pass
		25	13	22.21	-3.30	16.76	<=34.77	Pass
			0	22.21	-3.30	16.76	<=34.77	Pass
			25	0	22.57	-3.30	17.12	<=34.77
	795.5	1	0	22.57	-3.30	17.12	<=34.77	Pass
			13	22.57	-3.30	17.12	<=34.77	Pass

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		12	24	22.58	-3.30	17.13	<=34.77	Pass
			0	22.58	-3.30	17.13	<=34.77	Pass
			6	22.58	-3.30	17.13	<=34.77	Pass
			13	22.59	-3.30	17.14	<=34.77	Pass
			25	0	22.58	-3.30	17.13	<=34.77
64QAM	790.5	1	0	22.43	-3.30	16.98	<=34.77	Pass
			13	22.41	-3.30	16.96	<=34.77	Pass
			24	22.47	-3.30	17.02	<=34.77	Pass
		12	0	21.35	-3.30	15.90	<=34.77	Pass
			6	21.34	-3.30	15.89	<=34.77	Pass
			13	21.30	-3.30	15.85	<=34.77	Pass
	793	25	0	21.22	-3.30	15.77	<=34.77	Pass
		1	0	22.22	-3.30	16.77	<=34.77	Pass
			13	22.22	-3.30	16.77	<=34.77	Pass
			24	22.22	-3.30	16.77	<=34.77	Pass
		12	0	22.22	-3.30	16.77	<=34.77	Pass
			6	22.22	-3.30	16.77	<=34.77	Pass
			13	22.21	-3.30	16.76	<=34.77	Pass
	795.5	25	0	22.21	-3.30	16.76	<=34.77	Pass
		1	0	22.58	-3.30	17.13	<=34.77	Pass
			13	22.57	-3.30	17.12	<=34.77	Pass
			24	22.58	-3.30	17.13	<=34.77	Pass
		12	0	22.59	-3.30	17.14	<=34.77	Pass
			6	22.58	-3.30	17.13	<=34.77	Pass
			13	22.59	-3.30	17.14	<=34.77	Pass
256QAM	790.5	25	0	22.58	-3.30	17.13	<=34.77	Pass
		1	0	19.24	-3.30	13.79	<=34.77	Pass
			13	19.23	-3.30	13.78	<=34.77	Pass
			24	19.28	-3.30	13.83	<=34.77	Pass
		12	0	19.24	-3.30	13.79	<=34.77	Pass
			6	19.22	-3.30	13.77	<=34.77	Pass
			13	19.19	-3.30	13.74	<=34.77	Pass
	793	25	0	19.24	-3.30	13.79	<=34.77	Pass
		1	0	18.97	-3.30	13.52	<=34.77	Pass
			13	19.05	-3.30	13.60	<=34.77	Pass
			24	19.02	-3.30	13.57	<=34.77	Pass
		12	0	19.29	-3.30	13.84	<=34.77	Pass
			6	19.28	-3.30	13.83	<=34.77	Pass
			13	19.28	-3.30	13.83	<=34.77	Pass
	795.5	25	0	19.30	-3.30	13.85	<=34.77	Pass
		1	0	19.51	-3.30	14.06	<=34.77	Pass
			13	19.49	-3.30	14.04	<=34.77	Pass
			24	19.51	-3.30	14.06	<=34.77	Pass
		12	0	19.34	-3.30	13.89	<=34.77	Pass
			6	19.33	-3.30	13.88	<=34.77	Pass
			13	19.33	-3.30	13.88	<=34.77	Pass
		25	0	19.31	-3.30	13.86	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

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1.2 B14_10MHz_ERP

1.2.1 Test Result

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	793	1	0	22.77	-3.30	17.32	<=34.77	Pass
			25	22.75	-3.30	17.30	<=34.77	Pass
			49	22.75	-3.30	17.30	<=34.77	Pass
		25	0	22.77	-3.30	17.32	<=34.77	Pass
			13	22.78	-3.30	17.33	<=34.77	Pass
			25	22.76	-3.30	17.31	<=34.77	Pass
			50	0	22.77	-3.30	17.32	<=34.77
16QAM	793	1	0	22.78	-3.30	17.33	<=34.77	Pass
			25	22.78	-3.30	17.33	<=34.77	Pass
			49	22.77	-3.30	17.32	<=34.77	Pass
		25	0	22.78	-3.30	17.33	<=34.77	Pass
			13	22.77	-3.30	17.32	<=34.77	Pass
			25	22.77	-3.30	17.32	<=34.77	Pass
			50	0	22.77	-3.30	17.32	<=34.77
64QAM	793	1	0	22.77	-3.30	17.32	<=34.77	Pass
			25	22.78	-3.30	17.33	<=34.77	Pass
			49	22.76	-3.30	17.31	<=34.77	Pass
		25	0	22.78	-3.30	17.33	<=34.77	Pass
			13	22.78	-3.30	17.33	<=34.77	Pass
			25	22.77	-3.30	17.32	<=34.77	Pass
			50	0	22.77	-3.30	17.32	<=34.77
256QAM	793	1	0	19.63	-3.30	14.18	<=34.77	Pass
			25	19.68	-3.30	14.23	<=34.77	Pass
			49	19.68	-3.30	14.23	<=34.77	Pass
		25	0	19.26	-3.30	13.81	<=34.77	Pass
			13	19.28	-3.30	13.83	<=34.77	Pass
			25	19.25	-3.30	13.80	<=34.77	Pass
			50	0	19.23	-3.30	13.78	<=34.77

Note1: ERP=Conducted Power+Antenna Gain-2.15

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2. Frequency Stability

2.1 B14_5MHz

2.1.1 Test Result

Band: 14 / Bandwidth: 5MHz								
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)	Verdict
		Size	Offset				Result	
QPSK	790.5	25	0	20	3.4	-2.704	-0.0034	Pass
					3.8	-2.561	-0.0032	Pass
					4.4	-1.330	-0.0017	Pass
					-30	3.8	-3.176	Pass
					-20	3.8	-2.503	Pass
					-10	3.8	0.844	Pass
					0	3.8	-1.874	Pass
					10	3.8	-4.206	Pass
					30	3.8	-1.345	Pass
					40	3.8	-4.392	Pass
QPSK	793	25	0	20	3.4	-0.958	-0.0012	Pass
					3.8	-0.515	-0.0006	Pass
					4.4	-1.001	-0.0013	Pass
					-30	3.8	-3.433	Pass
					-20	3.8	-1.531	Pass
					-10	3.8	-3.705	Pass
					0	3.8	-2.589	Pass
					10	3.8	-3.934	Pass
					30	3.8	-3.419	Pass
					40	3.8	-1.101	Pass
QPSK	795.5	25	0	20	3.4	-0.243	-0.0003	Pass
					3.8	-5.651	-0.0071	Pass
					4.4	-1.273	-0.0016	Pass
					-30	3.8	-3.891	Pass
					-20	3.8	-0.272	Pass
					-10	3.8	-4.091	Pass
					0	3.8	-4.506	Pass
					10	3.8	-2.604	Pass
					30	3.8	-2.689	Pass
					40	3.8	-1.845	Pass
16QAM	790.5	25	0	20	3.4	-3.719	-0.0047	Pass
					3.8	-1.545	-0.0020	Pass
					4.4	-0.858	-0.0011	Pass
					4.4	-1.774	-0.0022	Pass

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				-30	3.8	0.472	0.0006	Pass
				-20	3.8	-2.761	-0.0035	Pass
				-10	3.8	-4.964	-0.0063	Pass
				0	3.8	-3.133	-0.0040	Pass
				10	3.8	0.401	0.0005	Pass
				30	3.8	-1.974	-0.0025	Pass
				40	3.8	0.172	0.0002	Pass
				50	3.8	1.044	0.0013	Pass
793	25	0	20	3.4		-2.747	-0.0035	Pass
				3.8		-1.030	-0.0013	Pass
				4.4		-2.832	-0.0036	Pass
			-30	3.8		-2.546	-0.0032	Pass
			-20	3.8		-2.289	-0.0029	Pass
			-10	3.8		-3.319	-0.0042	Pass
			0	3.8		-1.531	-0.0019	Pass
			10	3.8		-0.043	-0.0001	Pass
			30	3.8		-0.930	-0.0012	Pass
			40	3.8		-3.147	-0.0040	Pass
			50	3.8		-0.486	-0.0006	Pass
			20	3.4		-0.544	-0.0007	Pass
				3.8		-4.778	-0.0060	Pass
				4.4		-1.888	-0.0024	Pass
795.5	25	0	-30	3.8		-0.601	-0.0008	Pass
			-20	3.8		0.014	0.0000	Pass
			-10	3.8		1.116	0.0014	Pass
			0	3.8		-2.890	-0.0036	Pass
			10	3.8		0.958	0.0012	Pass
			30	3.8		-1.502	-0.0019	Pass
			40	3.8		-2.060	-0.0026	Pass
			50	3.8		-2.389	-0.0030	Pass
			20	3.4		-4.220	-0.0053	Pass
				3.8		-2.618	-0.0033	Pass
				4.4		-3.977	-0.0050	Pass
64QAM	25	0	-30	3.8		1.631	0.0021	Pass
			-20	3.8		-3.133	-0.0040	Pass
			-10	3.8		-4.835	-0.0061	Pass
			0	3.8		-5.364	-0.0068	Pass
			10	3.8		-3.333	-0.0042	Pass
			30	3.8		-4.120	-0.0052	Pass
			40	3.8		-1.688	-0.0021	Pass
			50	3.8		-4.091	-0.0052	Pass
			20	3.4		-3.777	-0.0048	Pass
				3.8		-2.389	-0.0030	Pass
				4.4		-0.858	-0.0011	Pass
			-30	3.8		0.486	0.0006	Pass
			-20	3.8		-3.576	-0.0045	Pass
			-10	3.8		-1.688	-0.0021	Pass
			0	3.8		-5.965	-0.0075	Pass

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				10	3.8	0.043	0.0001	Pass
				30	3.8	-1.259	-0.0016	Pass
				40	3.8	-0.873	-0.0011	Pass
				50	3.8	-4.535	-0.0057	Pass
795.5	25	0	20	3.4	-3.018	-0.0038	Pass	
				3.8	0.172	0.0002	Pass	
				4.4	-3.834	-0.0048	Pass	
			-30	3.8	-2.289	-0.0029	Pass	
			-20	3.8	-4.663	-0.0059	Pass	
			-10	3.8	-2.332	-0.0029	Pass	
			0	3.8	-0.715	-0.0009	Pass	
			10	3.8	-0.472	-0.0006	Pass	
			30	3.8	-1.230	-0.0015	Pass	
			40	3.8	-2.618	-0.0033	Pass	
			50	3.8	-1.073	-0.0013	Pass	
			20	3.4	-1.731	-0.0022	Pass	
				3.8	-3.920	-0.0050	Pass	
				4.4	-3.991	-0.0050	Pass	
790.5	25	0	-30	3.8	0.544	0.0007	Pass	
			-20	3.8	-0.429	-0.0005	Pass	
			-10	3.8	-4.034	-0.0051	Pass	
			0	3.8	-1.559	-0.0020	Pass	
			10	3.8	-5.479	-0.0069	Pass	
			30	3.8	-2.089	-0.0026	Pass	
			40	3.8	-2.489	-0.0031	Pass	
			50	3.8	-2.604	-0.0033	Pass	
			20	3.4	-3.147	-0.0040	Pass	
				3.8	-4.606	-0.0058	Pass	
				4.4	-1.473	-0.0019	Pass	
256QAM	793	25	0	-30	3.8	-2.203	-0.0028	Pass
				-20	3.8	-3.920	-0.0049	Pass
				-10	3.8	-4.992	-0.0063	Pass
				0	3.8	0.372	0.0005	Pass
				10	3.8	0.300	0.0004	Pass
				30	3.8	-0.386	-0.0005	Pass
				40	3.8	-1.502	-0.0019	Pass
				50	3.8	-4.034	-0.0051	Pass
			20	3.4	-5.279	-0.0066	Pass	
				3.8	-2.403	-0.0030	Pass	
				4.4	-3.877	-0.0049	Pass	
795.5	25	0	0	-30	3.8	-1.101	-0.0014	Pass
				-20	3.8	-4.563	-0.0057	Pass
				-10	3.8	-2.160	-0.0027	Pass
				0	3.8	-1.173	-0.0015	Pass
				10	3.8	1.287	0.0016	Pass
				30	3.8	-4.463	-0.0056	Pass
				40	3.8	-3.662	-0.0046	Pass
				50	3.8	-3.247	-0.0041	Pass

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2.2 B14_10MHz

2.2.1 Test Result

Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)	Verdict
		Size	Offset				Result	
QPSK	793	50	0	20	3.4	-2.418	-0.0030	Pass
					3.8	-0.615	-0.0008	Pass
					4.4	-2.074	-0.0026	Pass
				-30	3.8	-1.101	-0.0014	Pass
				-20	3.8	-3.748	-0.0047	Pass
				-10	3.8	-0.086	-0.0001	Pass
				0	3.8	-0.930	-0.0012	Pass
				10	3.8	-1.945	-0.0025	Pass
				30	3.8	-1.073	-0.0014	Pass
				40	3.8	-4.907	-0.0062	Pass
				50	3.8	-1.616	-0.0020	Pass
				20	3.4	-2.646	-0.0033	Pass
					3.8	-1.717	-0.0022	Pass
					4.4	-2.789	-0.0035	Pass
16QAM	793	50	0	20	-30	3.8	-1.788	Pass
					-20	3.8	-3.033	Pass
					-10	3.8	-1.874	Pass
				0	3.8	0.086	0.0001	Pass
				10	3.8	-2.818	-0.0036	Pass
				30	3.8	-2.890	-0.0036	Pass
				40	3.8	-3.791	-0.0048	Pass
				50	3.8	-2.232	-0.0028	Pass
				20	3.4	-2.203	-0.0028	Pass
					3.8	-2.146	-0.0027	Pass
					4.4	-2.704	-0.0034	Pass
64QAM	793	50	0	20	-30	3.8	-1.974	Pass
					-20	3.8	-2.418	Pass
					-10	3.8	-2.503	Pass
				0	3.8	-3.948	-0.0050	Pass
				10	3.8	-1.230	-0.0016	Pass
				30	3.8	-4.492	-0.0057	Pass
				40	3.8	-2.146	-0.0027	Pass
				50	3.8	-4.120	-0.0052	Pass
				20	3.4	-3.963	-0.0050	Pass
					3.8	-5.250	-0.0066	Pass
					4.4	-2.189	-0.0028	Pass
					-30	3.8	-0.257	-0.0003

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				-20	3.8	-0.243	-0.0003	Pass
				-10	3.8	-3.591	-0.0045	Pass
				0	3.8	-0.458	-0.0006	Pass
				10	3.8	-2.260	-0.0028	Pass
				30	3.8	-4.935	-0.0062	Pass
				40	3.8	-4.206	-0.0053	Pass
				50	3.8	-0.157	-0.0002	Pass

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3. 99% & 26dB Bandwidth

3.1 Band14_OBW

3.1.1 Test Result

Band: 14 / NTVN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	790.5	25	0	4.549	/	Pass
		793	25	0	4.546	/	Pass
		795.5	25	0	4.539	/	Pass
	16QAM	790.5	25	0	4.552	/	Pass
		793	25	0	4.546	/	Pass
		795.5	25	0	4.559	/	Pass
	64QAM	790.5	25	0	4.543	/	Pass
		793	25	0	4.547	/	Pass
		795.5	25	0	4.548	/	Pass
	256QAM	790.5	25	0	4.554	/	Pass
		793	25	0	4.574	/	Pass
		795.5	25	0	4.549	/	Pass
10	QPSK	793	50	0	9.046	/	Pass
	16QAM	793	50	0	9.043	/	Pass
	64QAM	793	50	0	9.018	/	Pass
	256QAM	793	50	0	9.032	/	Pass

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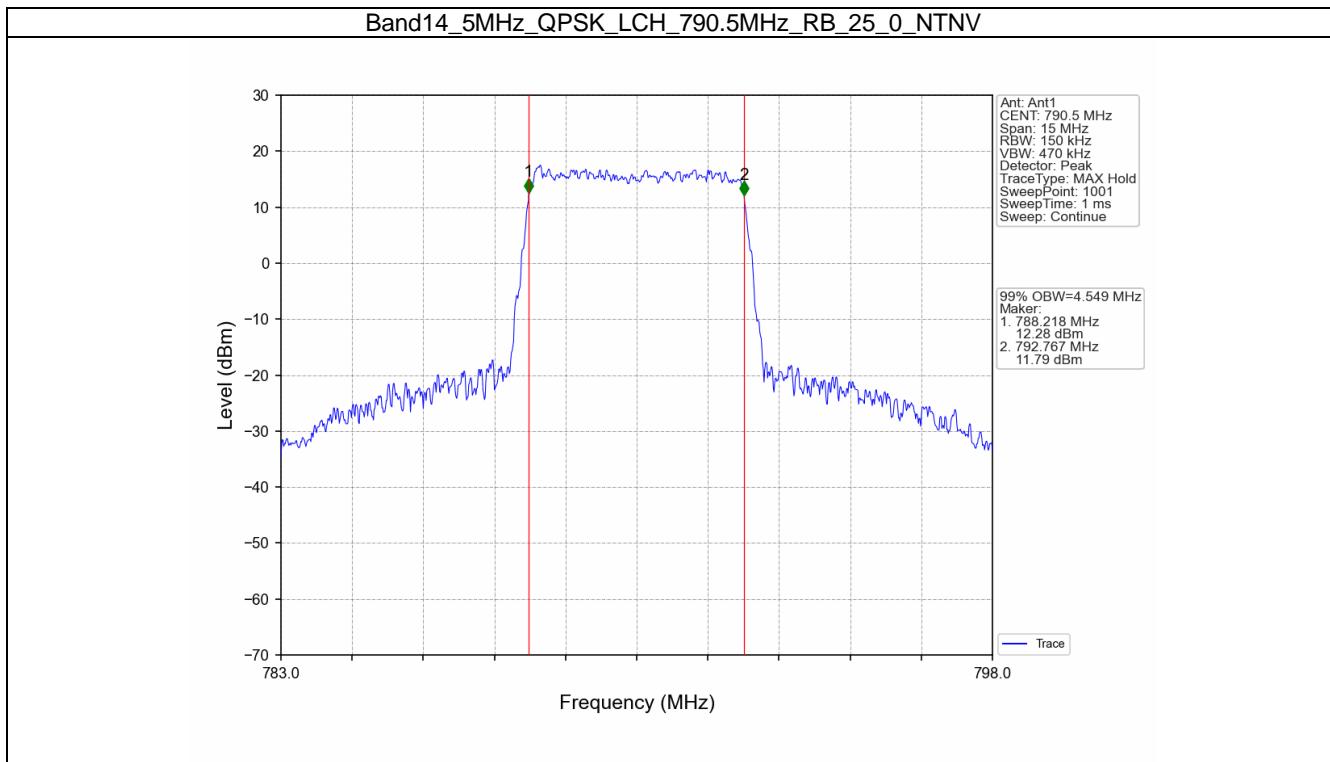


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3.1.2 Test Graph



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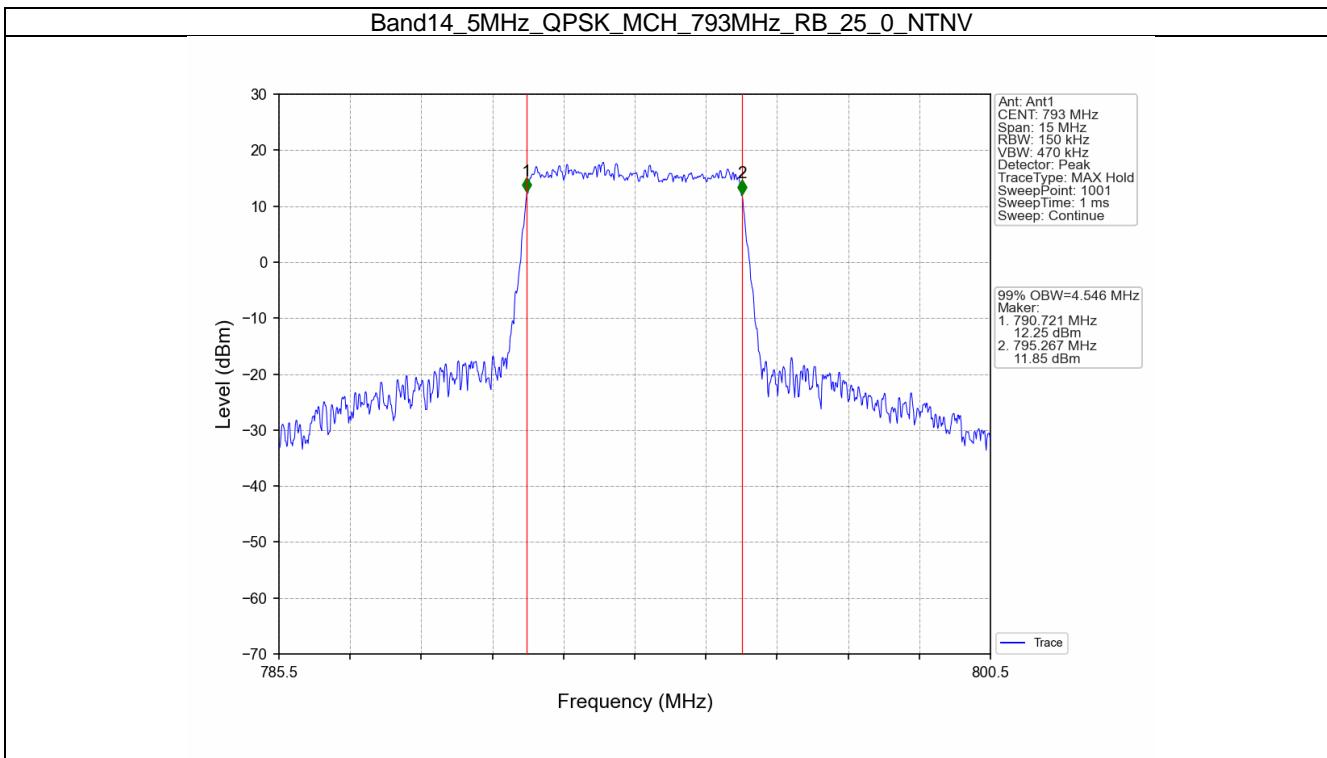
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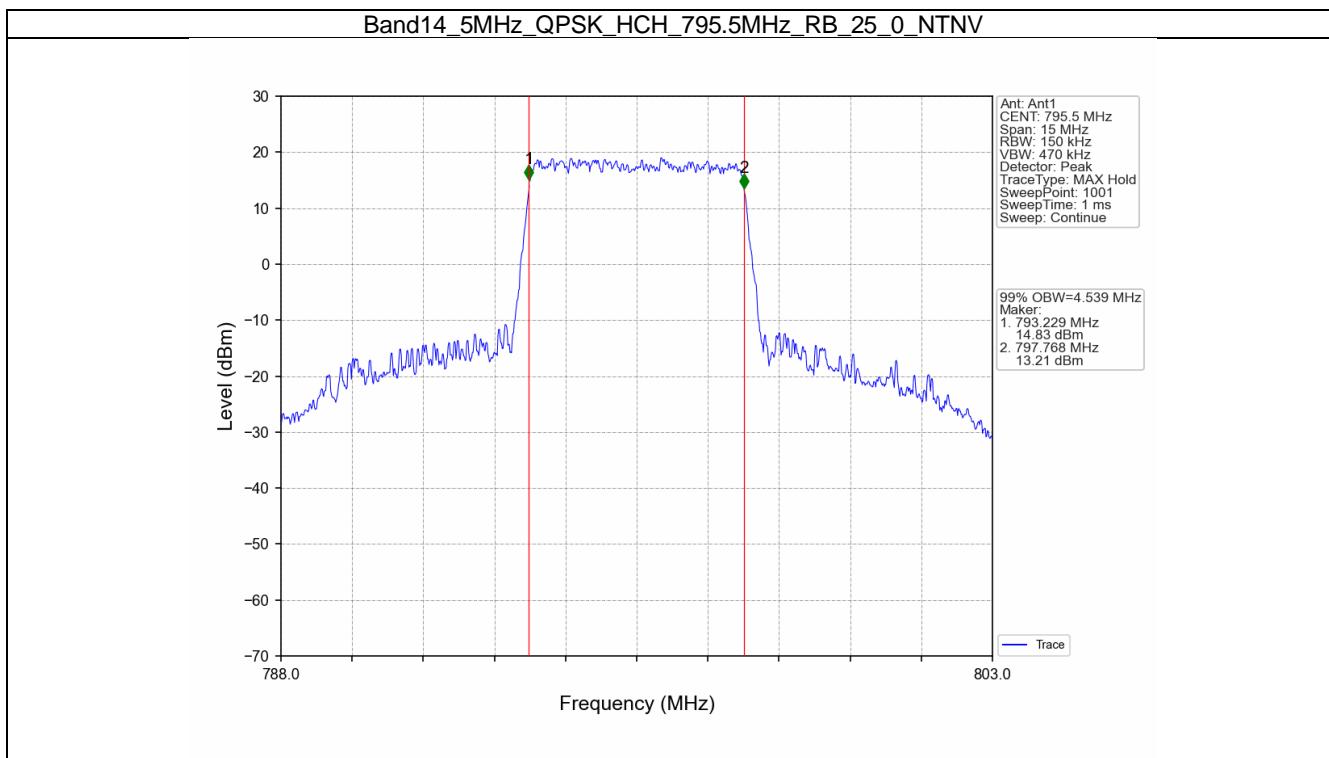
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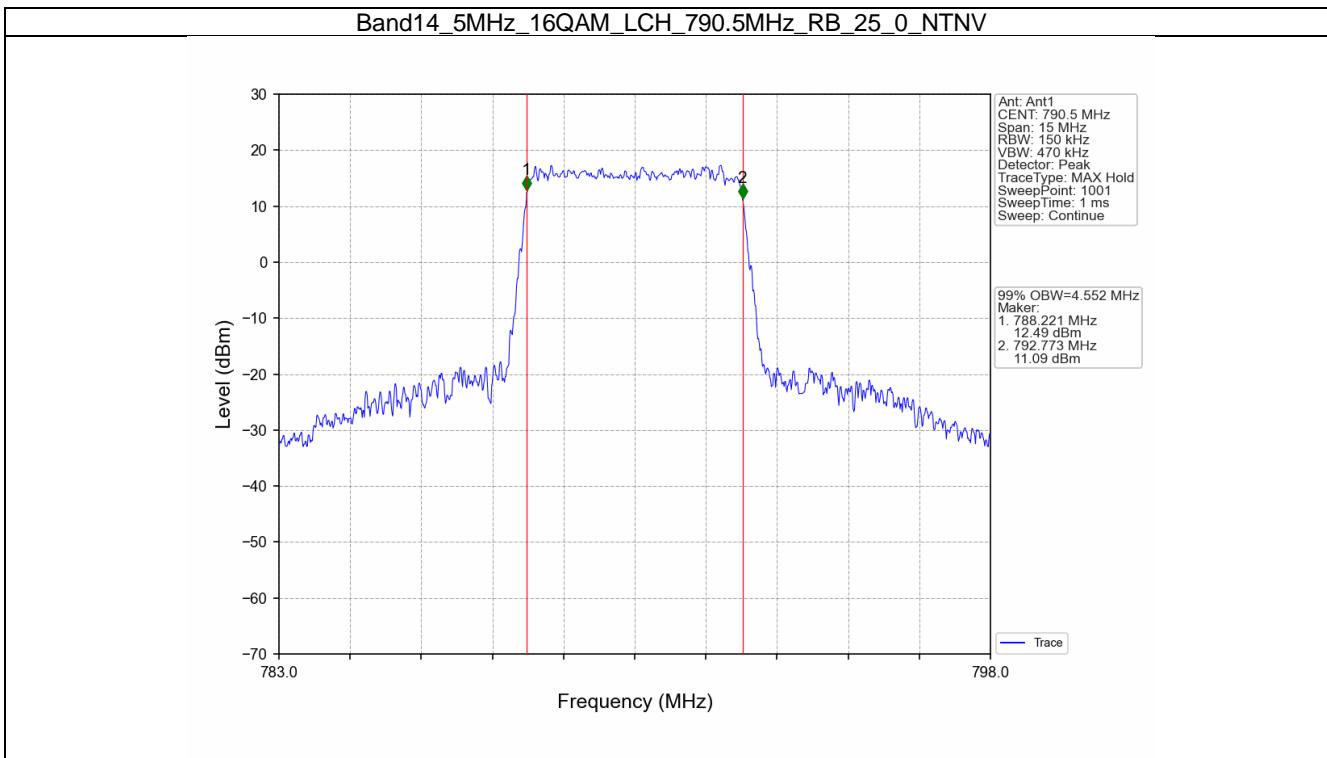
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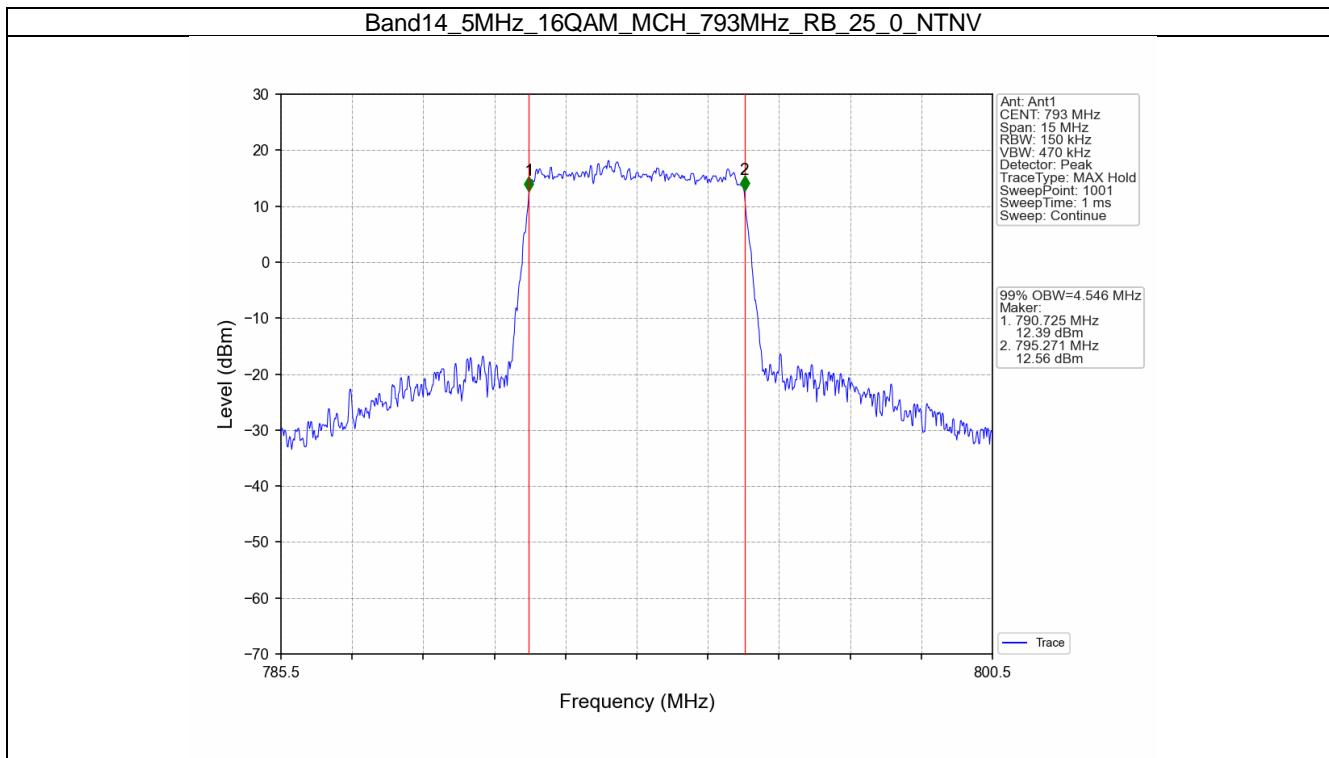
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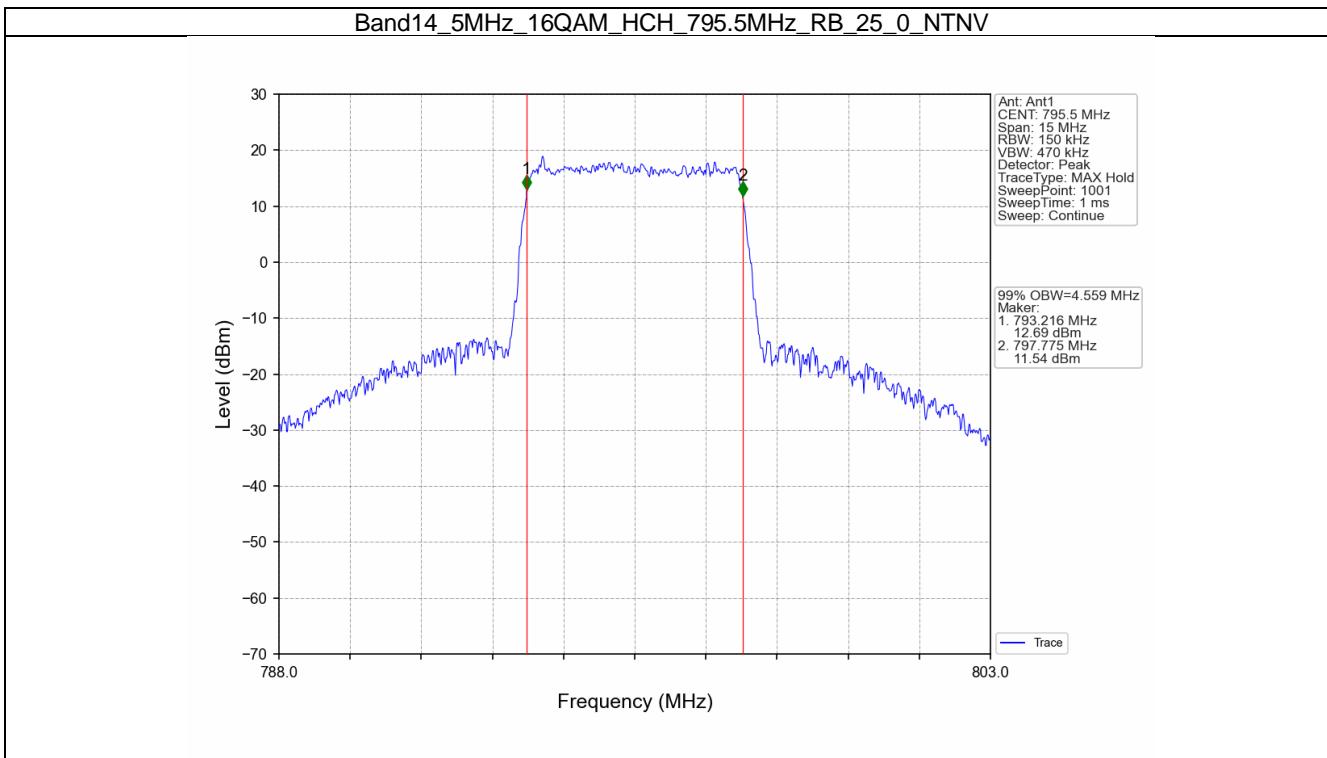
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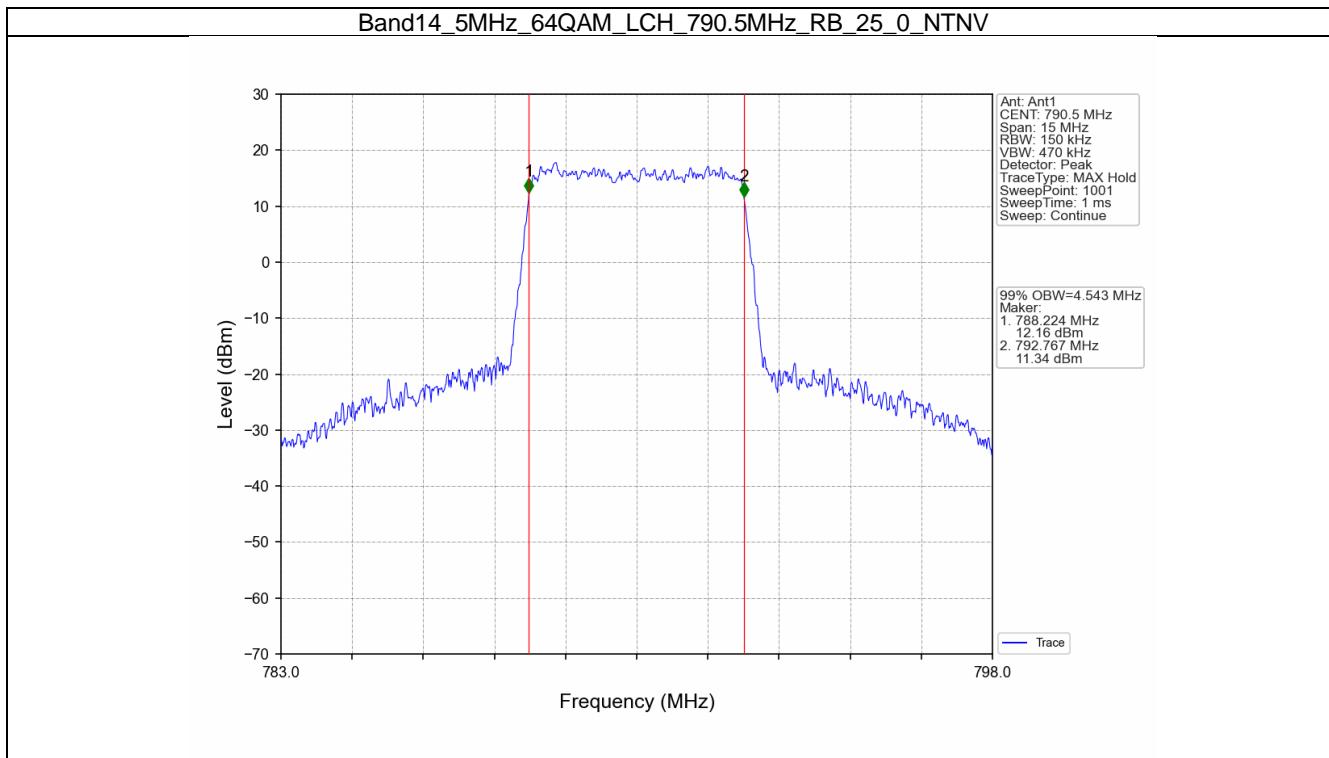
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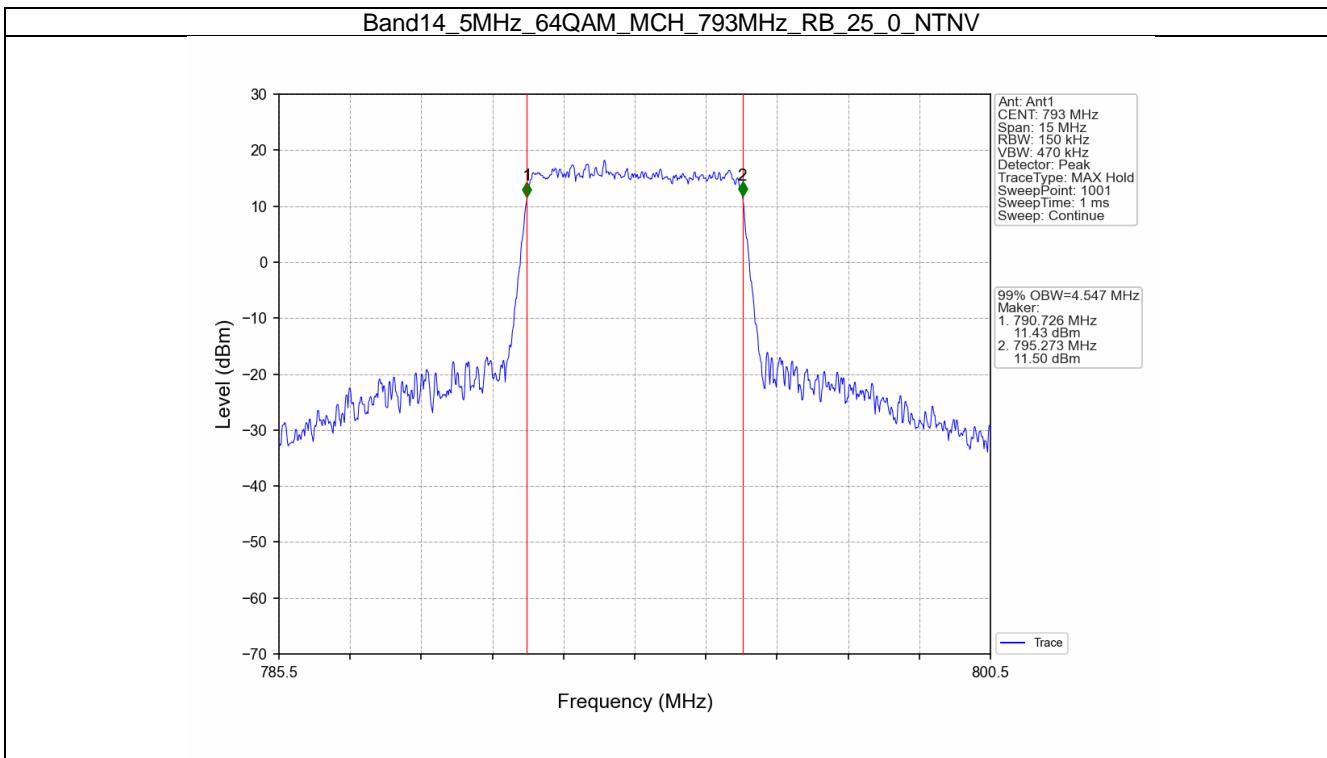
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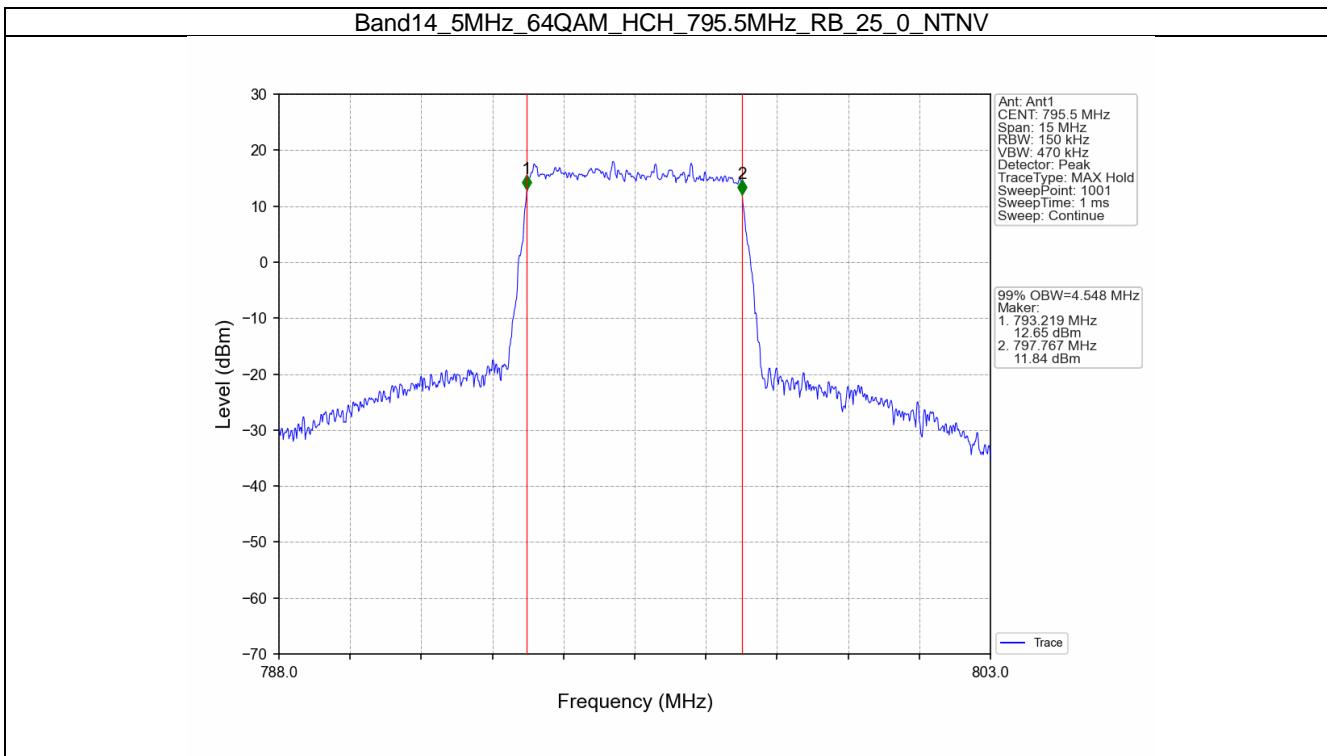
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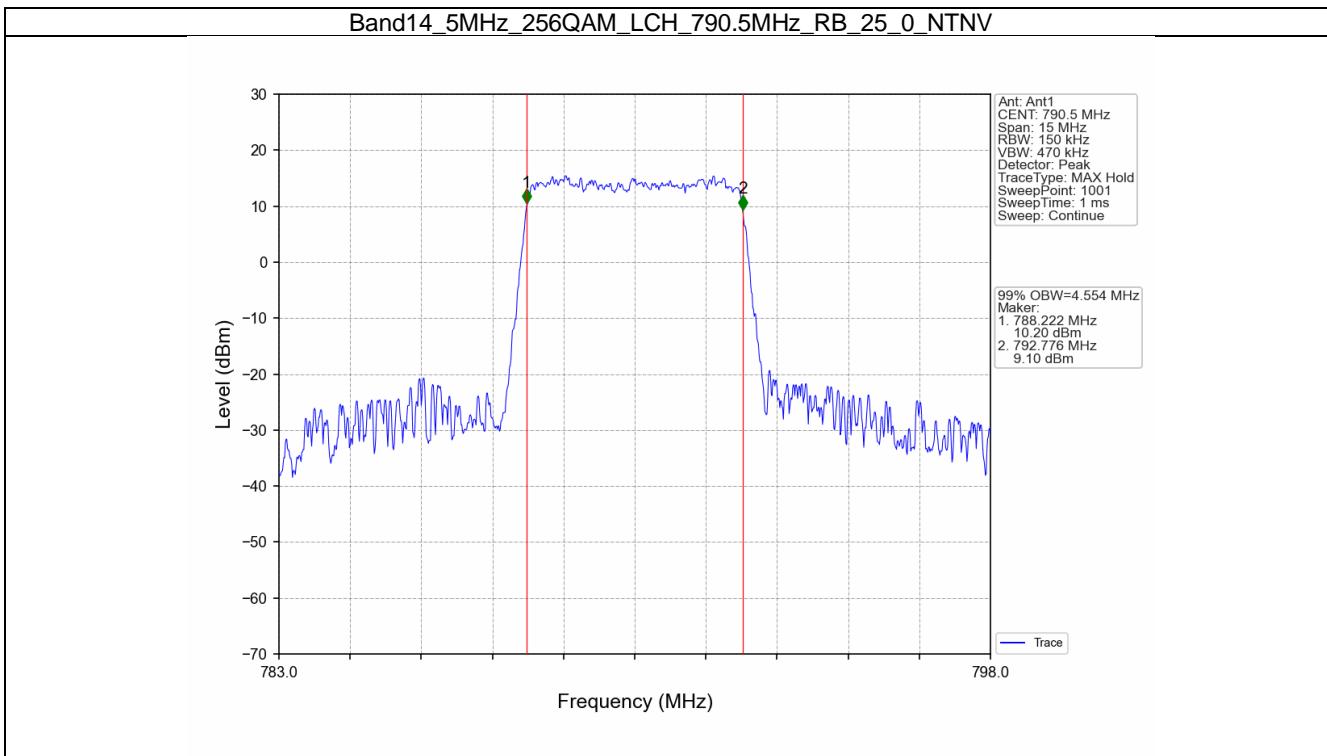
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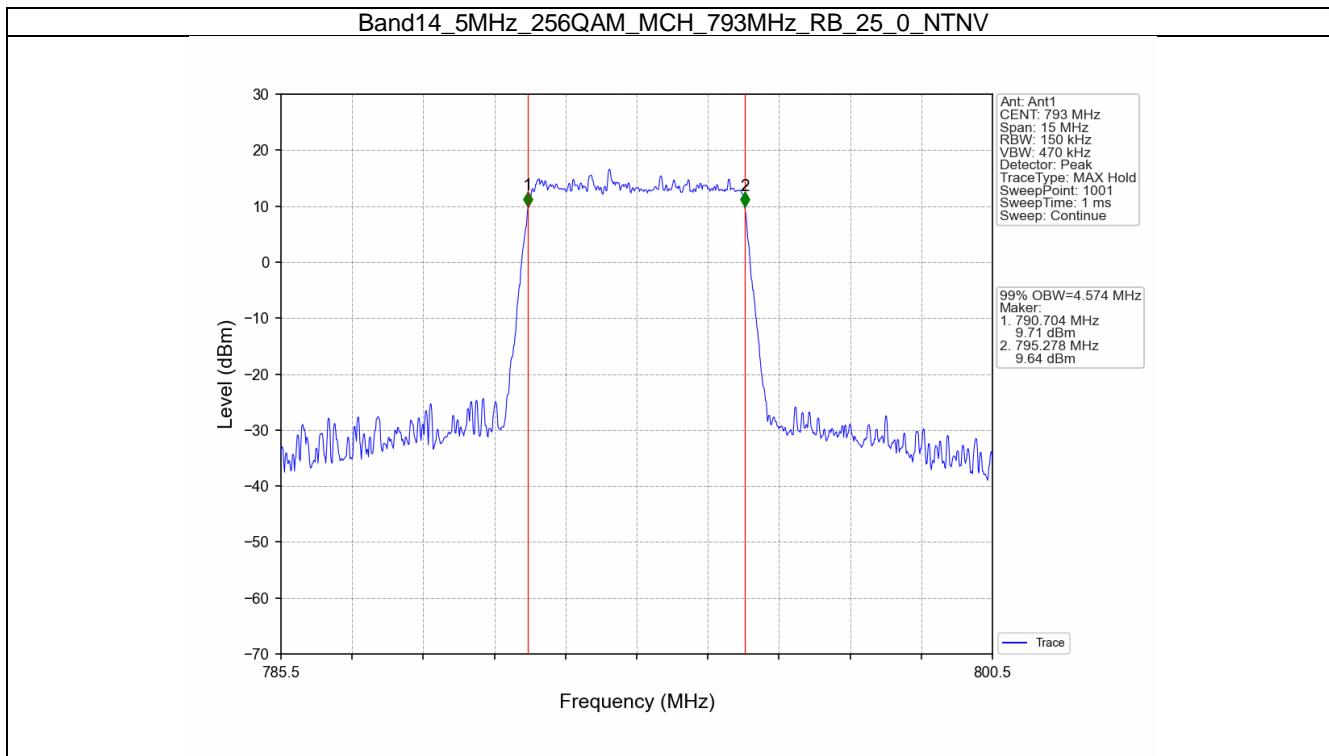
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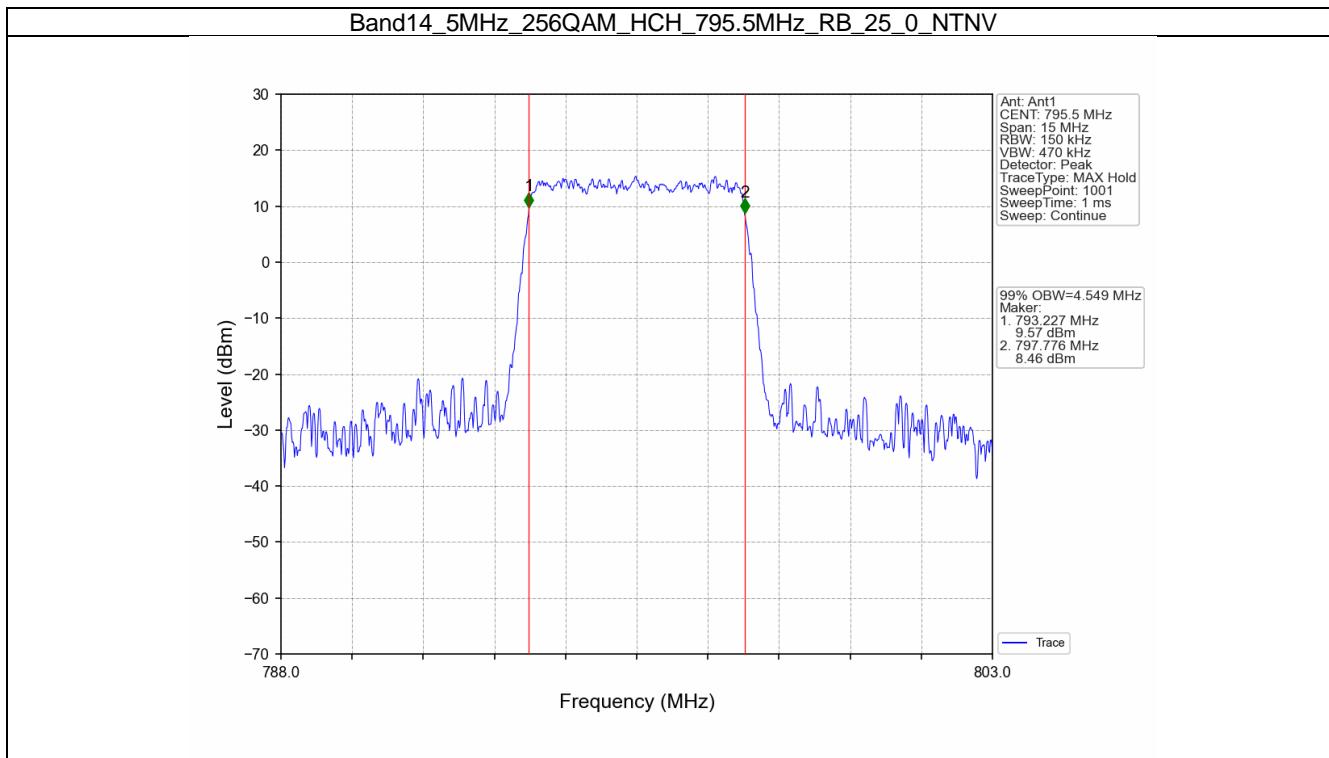
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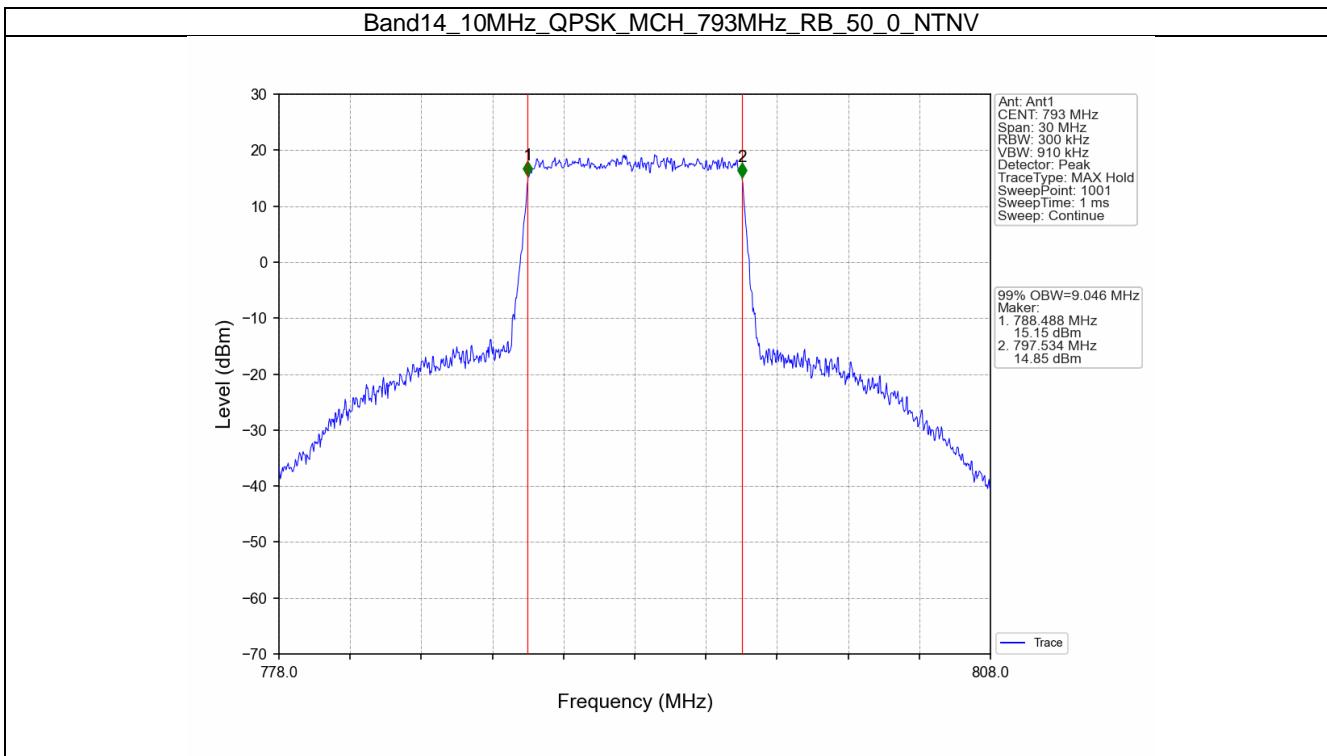
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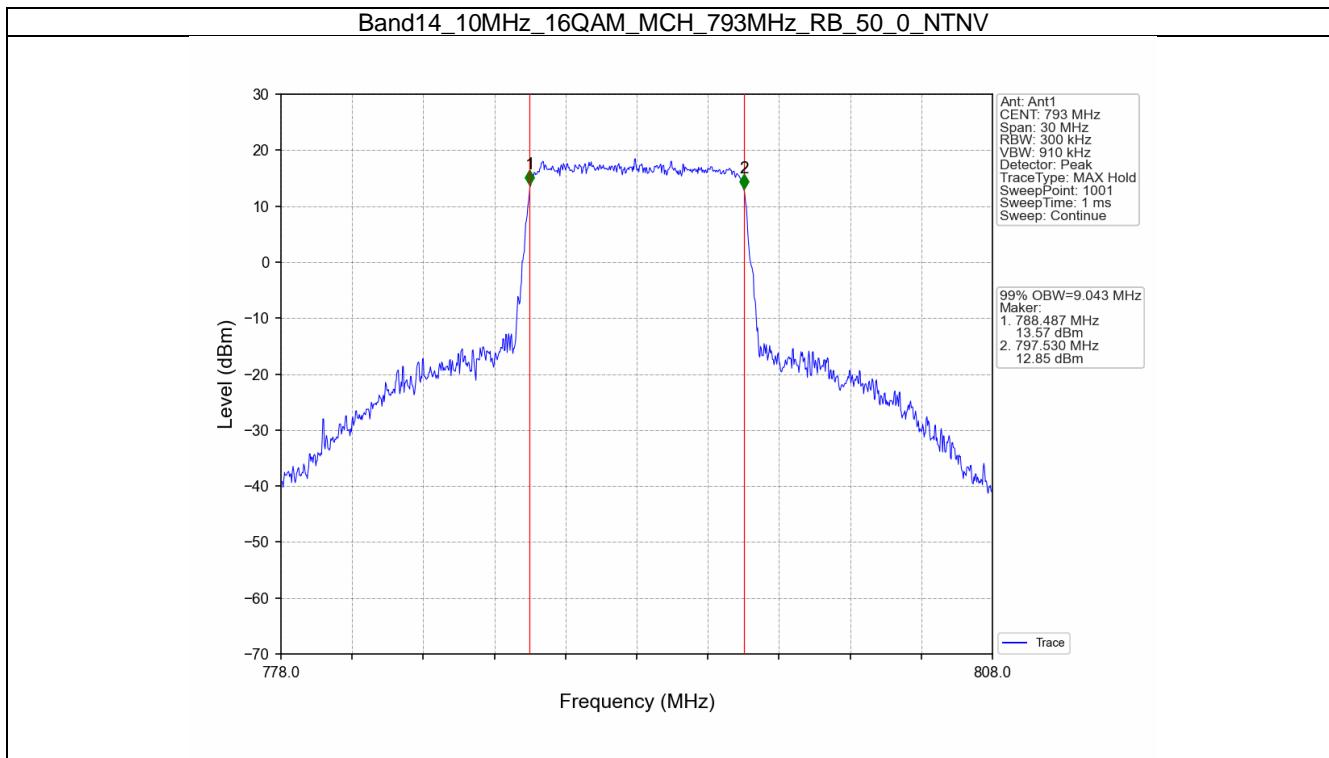
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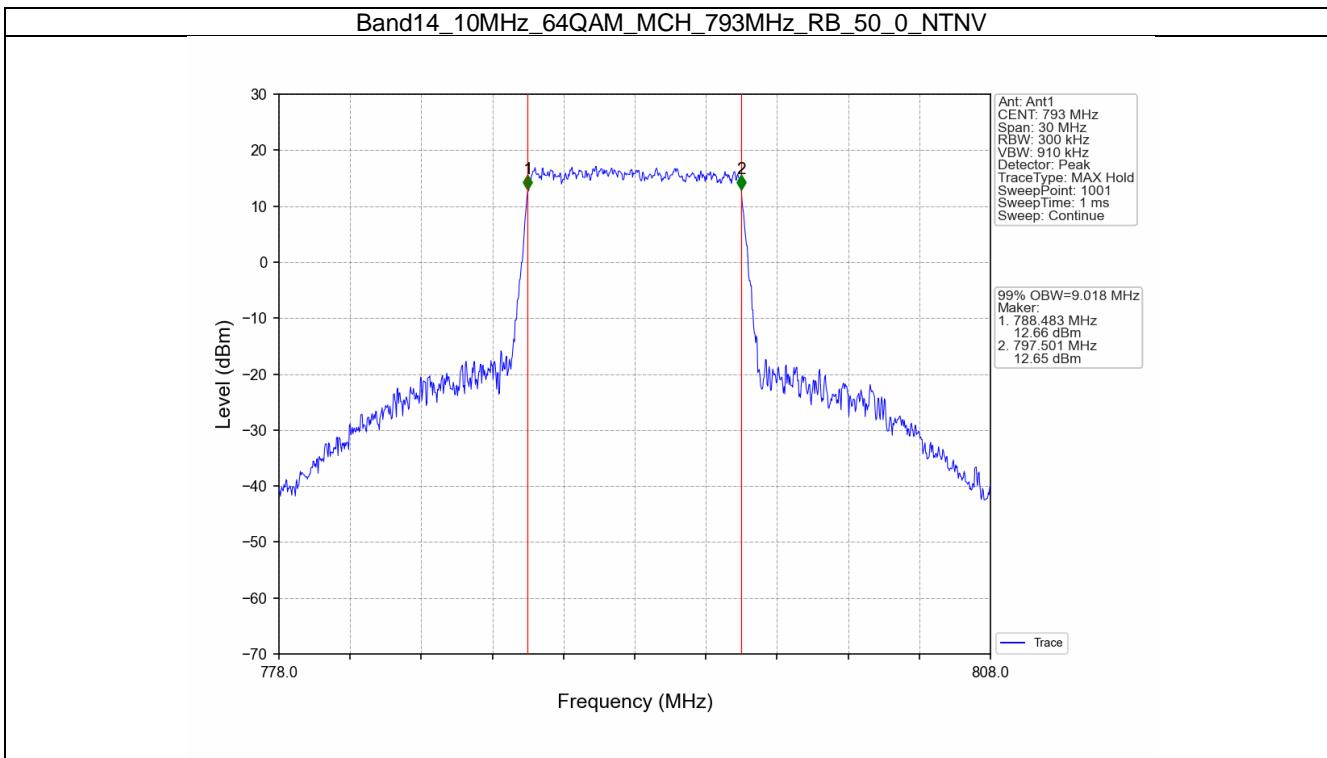
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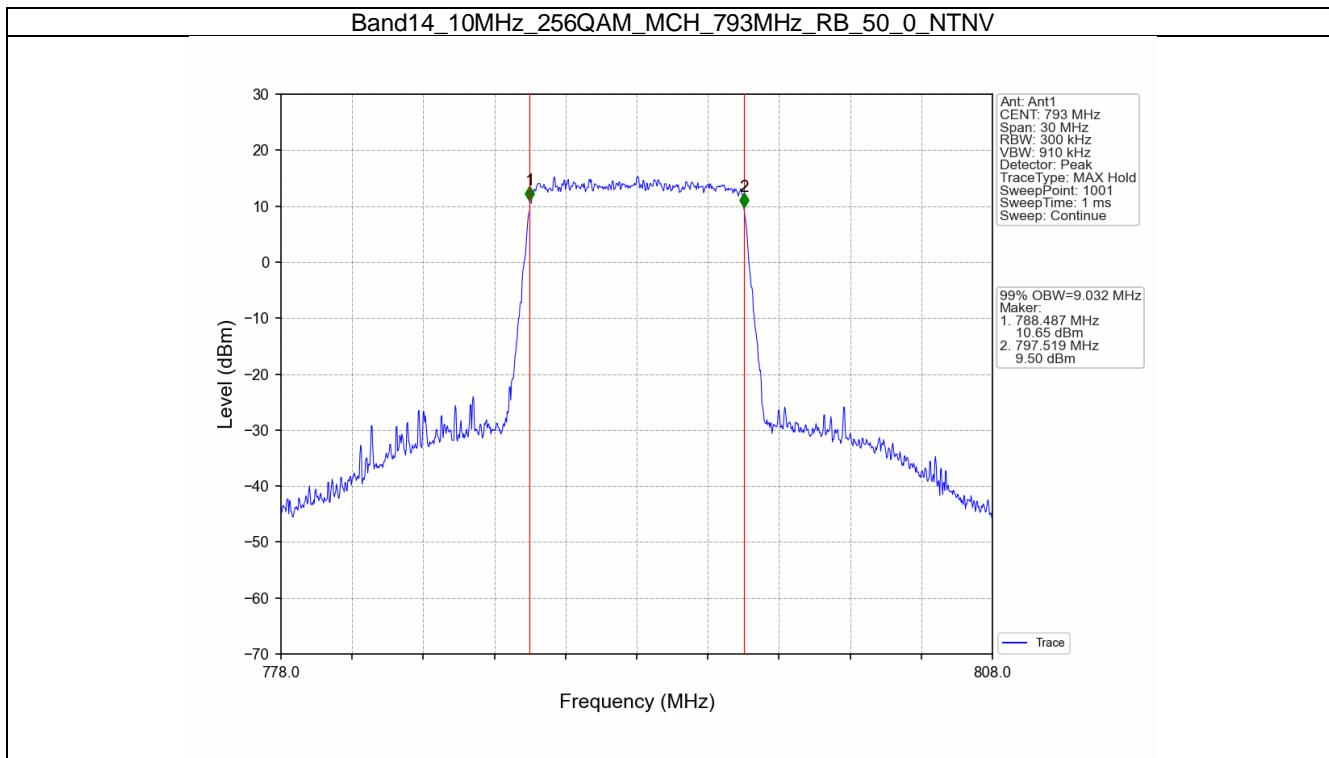
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3.2 Band14_XDB

3.2.1 Test Result

Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	790.5	25	0	5.080	/	Pass
		793	25	0	5.054	/	Pass
		795.5	25	0	5.072	/	Pass
	16QAM	790.5	25	0	5.076	/	Pass
		793	25	0	5.034	/	Pass
		795.5	25	0	5.075	/	Pass
	64QAM	790.5	25	0	5.084	/	Pass
		793	25	0	5.034	/	Pass
		795.5	25	0	5.048	/	Pass
	256QAM	790.5	25	0	5.085	/	Pass
		793	25	0	5.039	/	Pass
		795.5	25	0	5.065	/	Pass
10	QPSK	793	50	0	9.986	/	Pass
	16QAM	793	50	0	10.041	/	Pass
	64QAM	793	50	0	9.957	/	Pass
	256QAM	793	50	0	9.968	/	Pass

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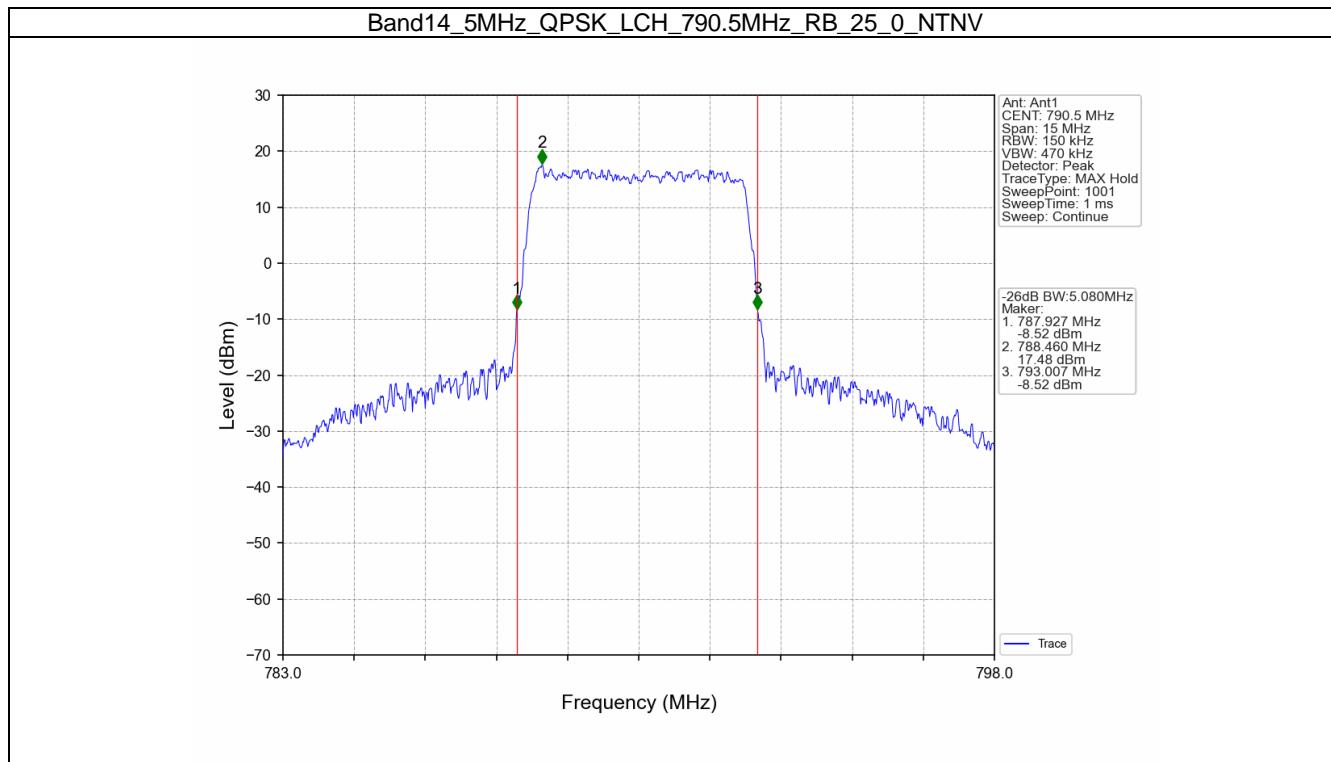
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3.2.2 Test Graph



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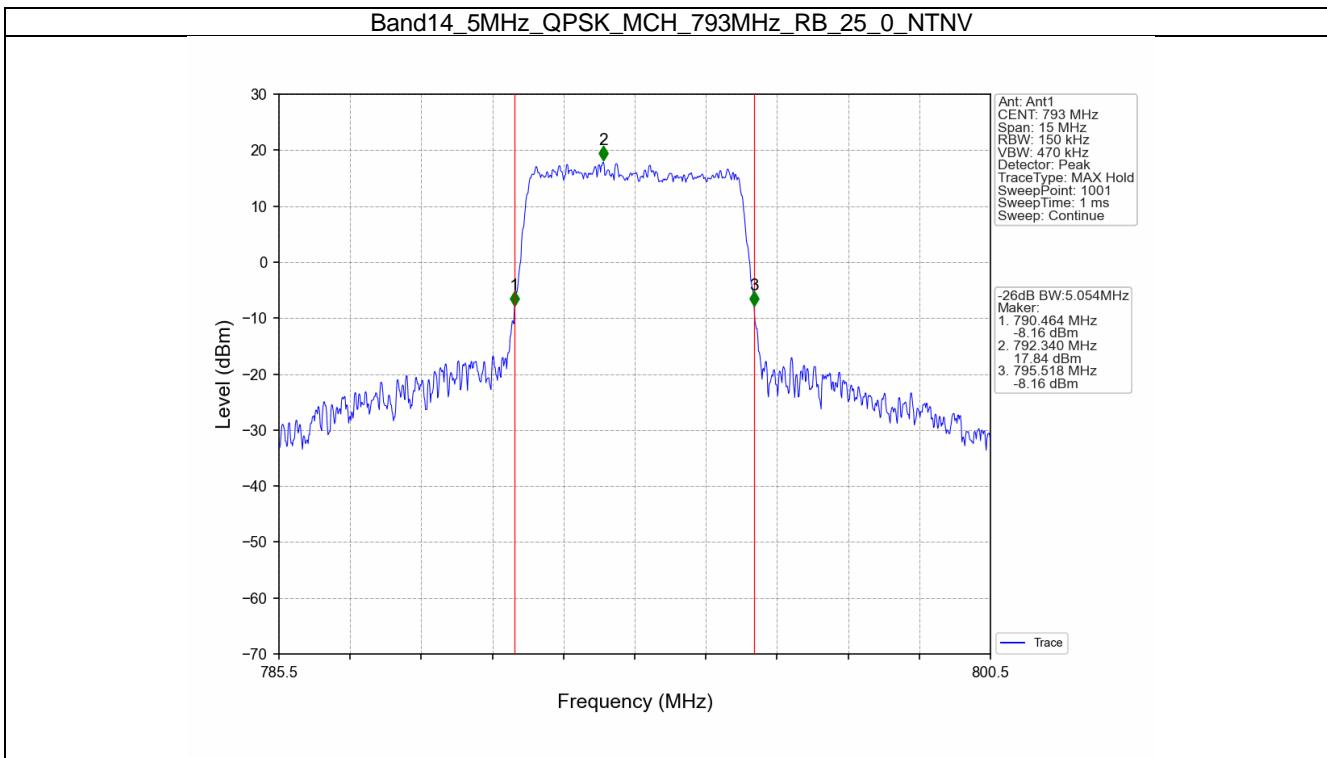
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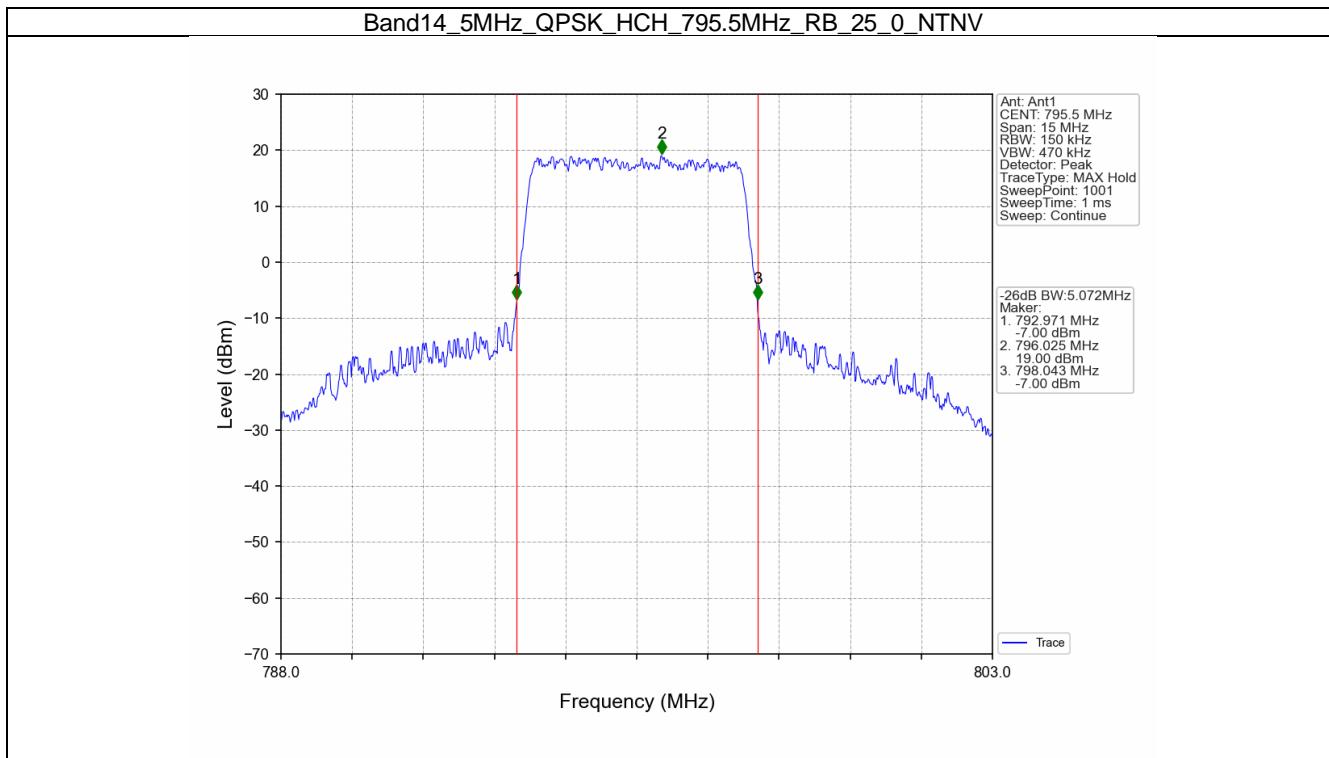
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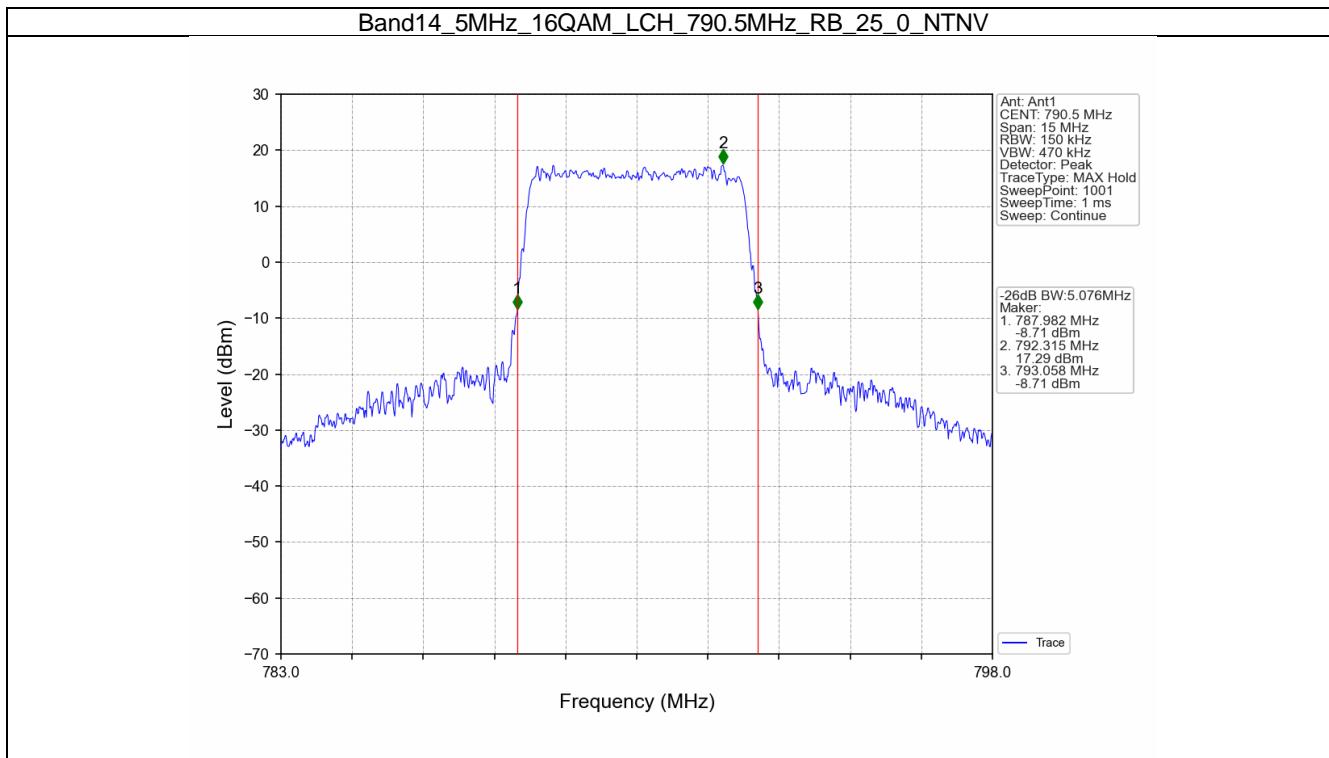
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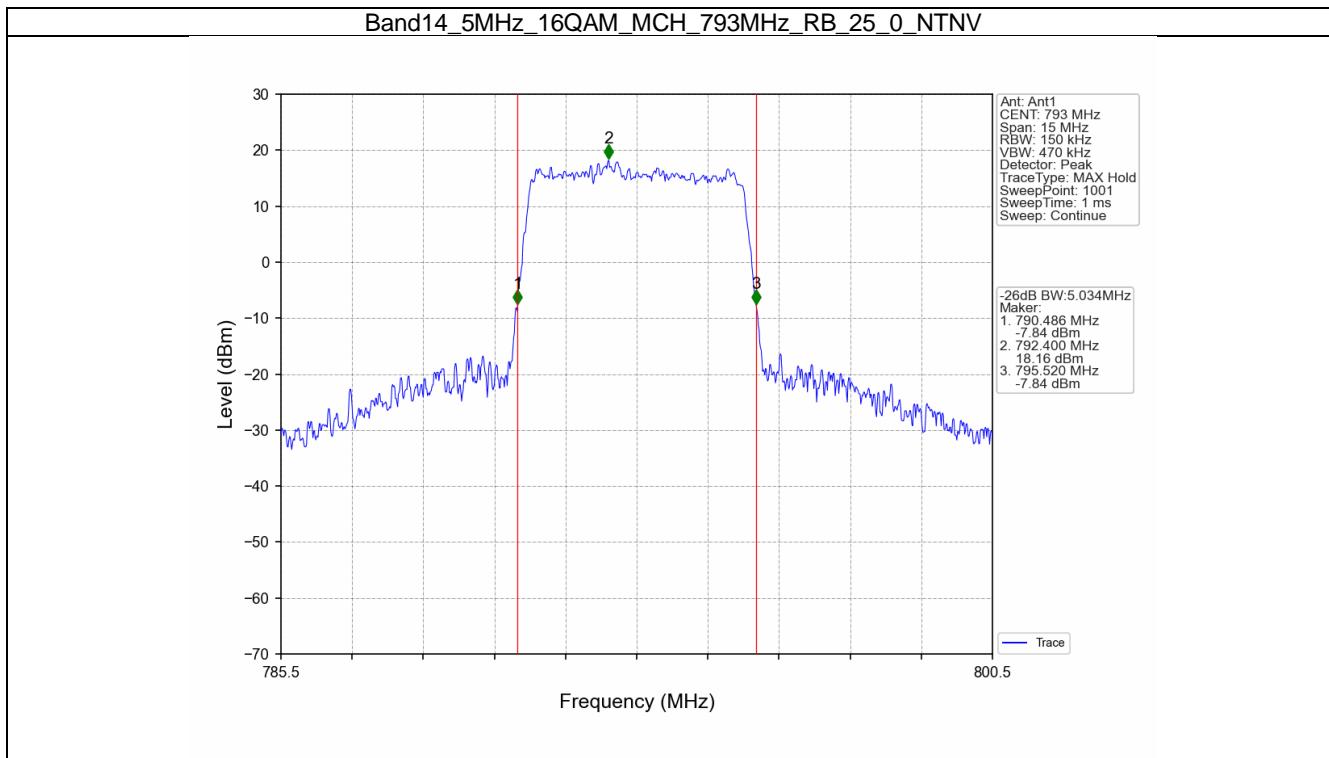
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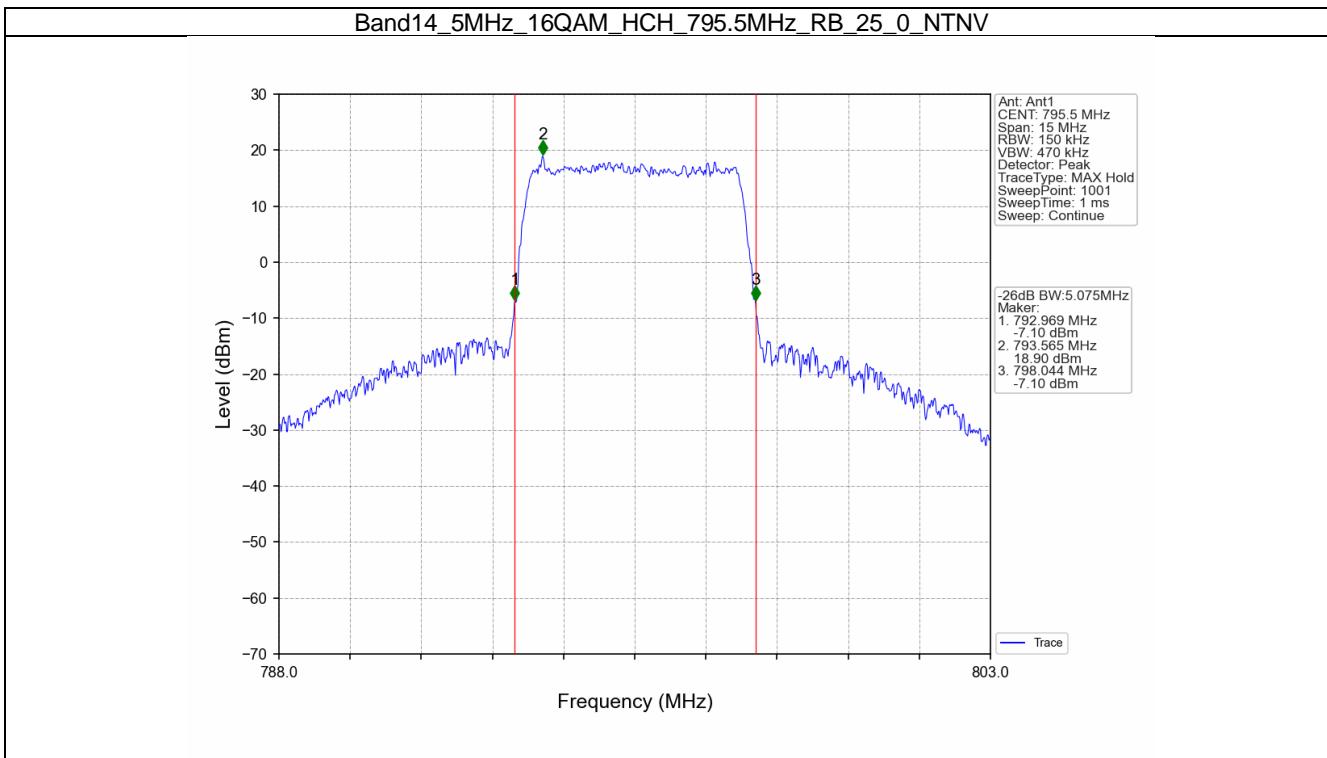
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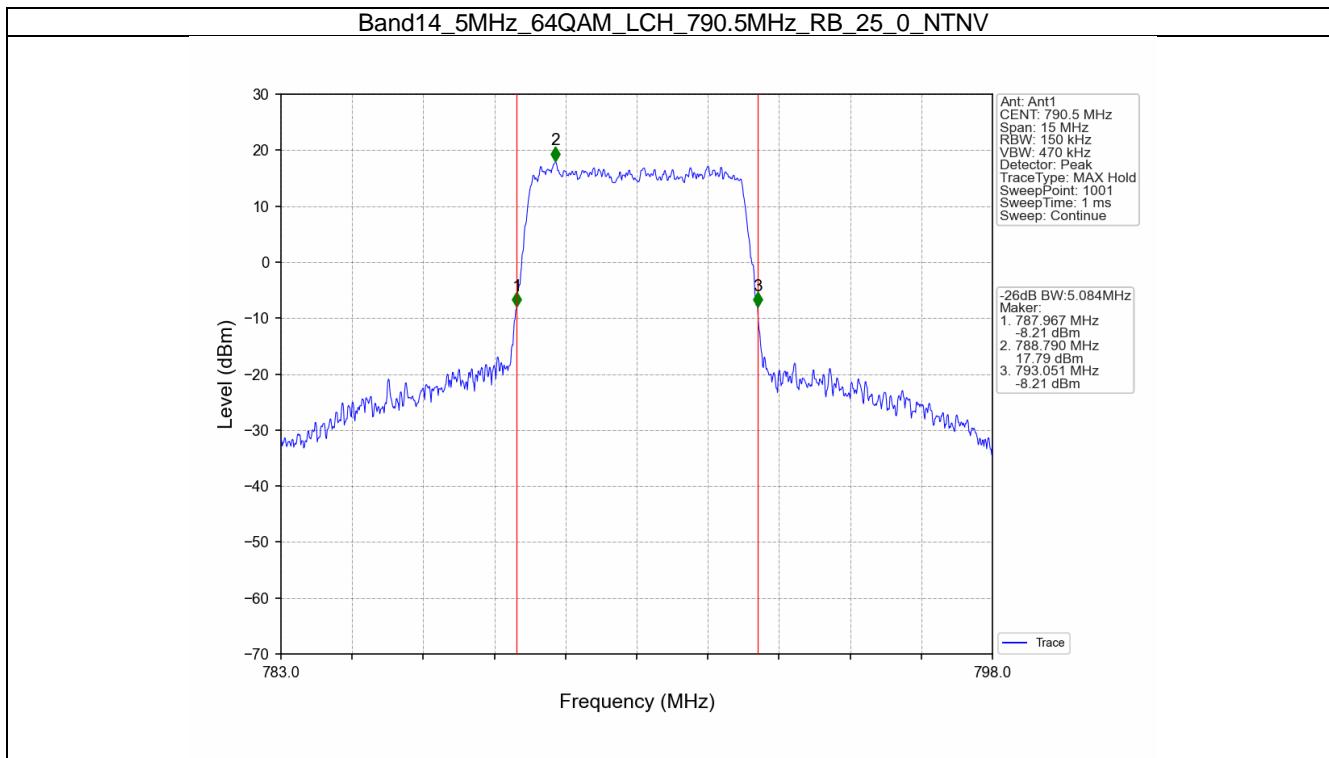
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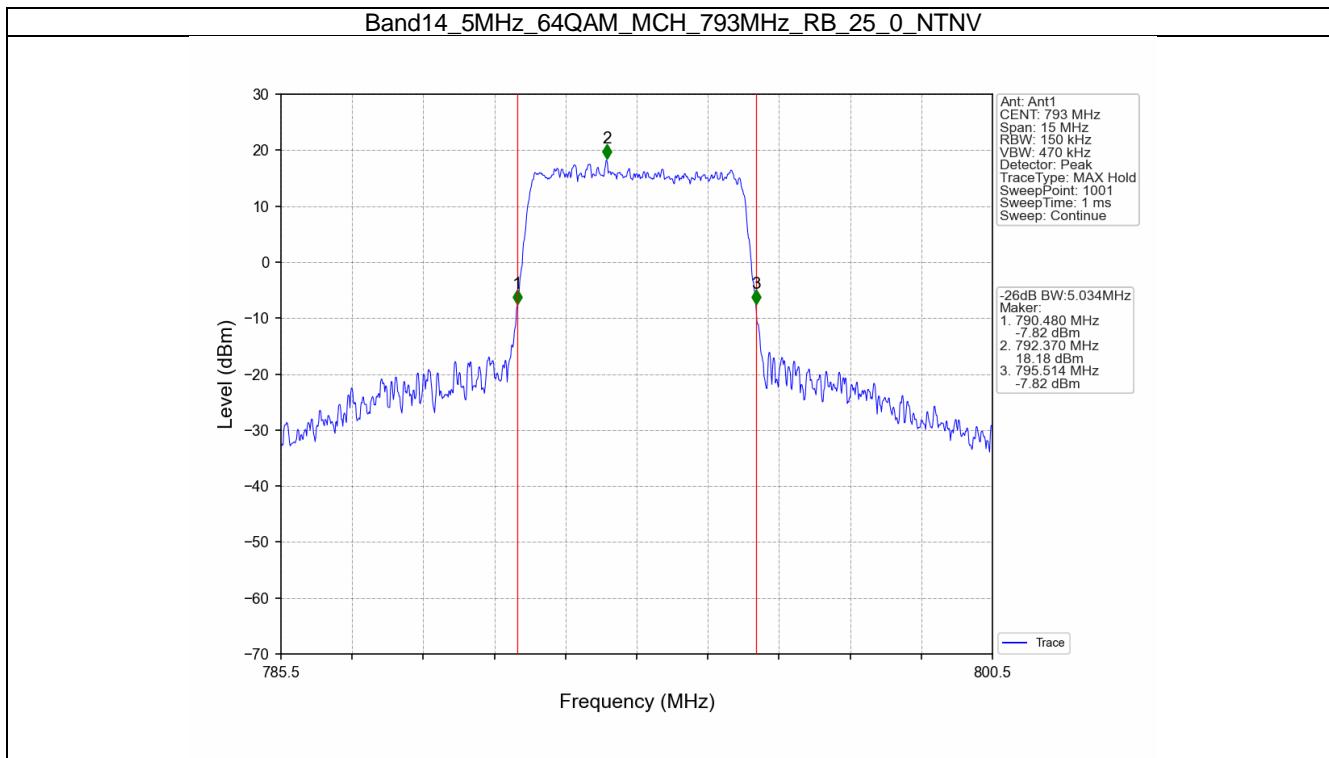
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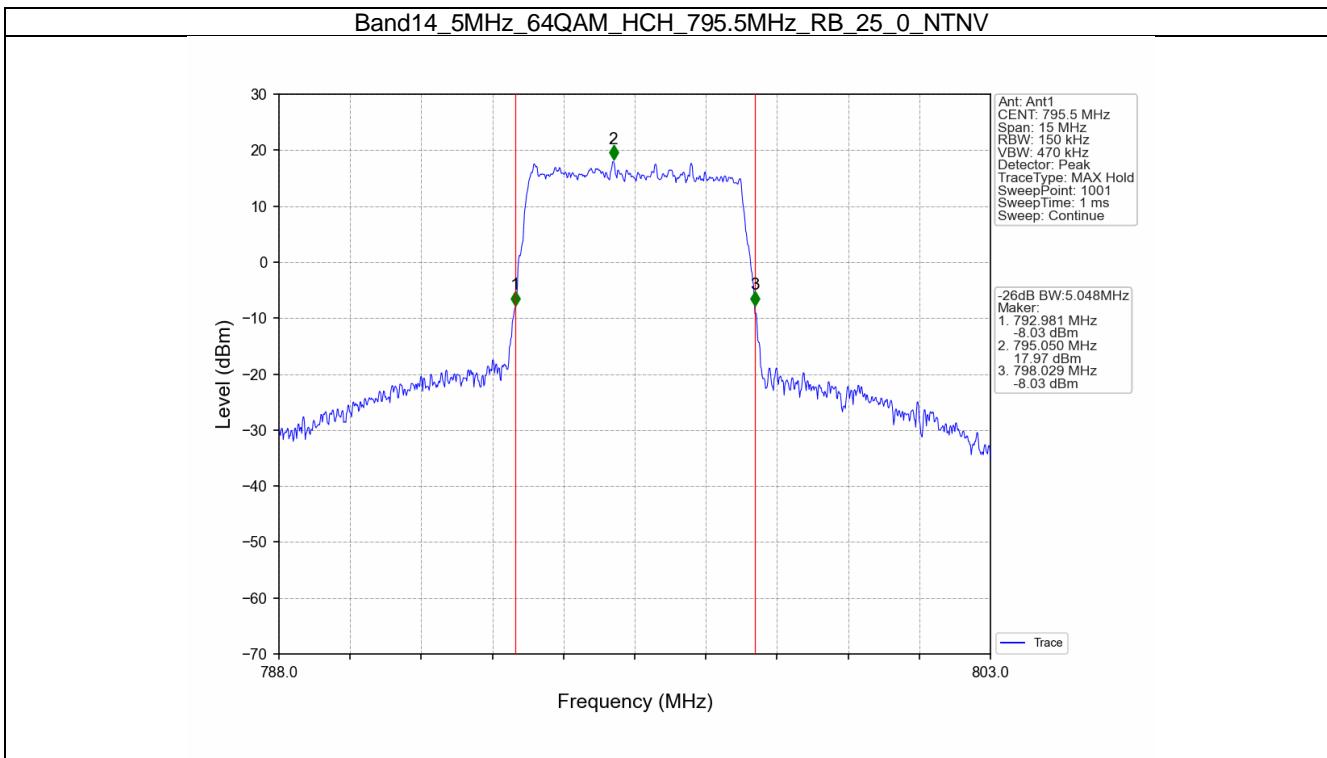
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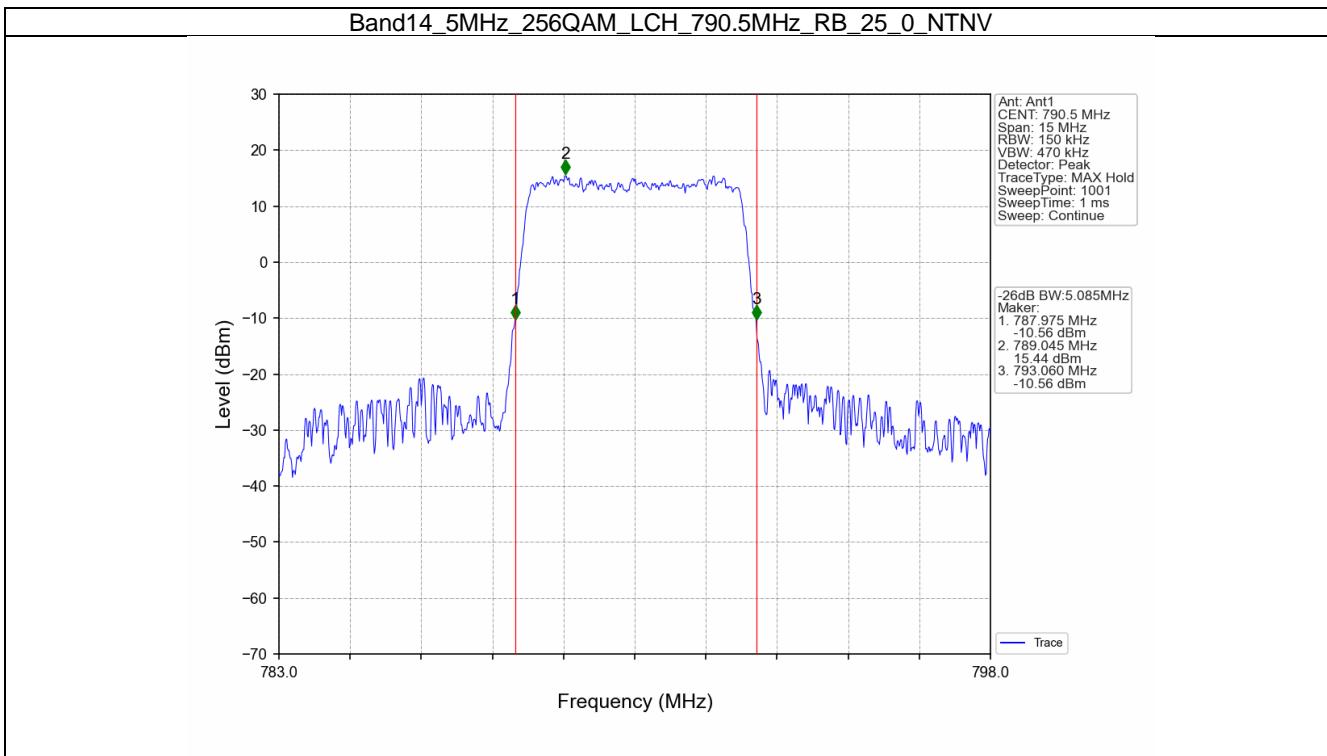
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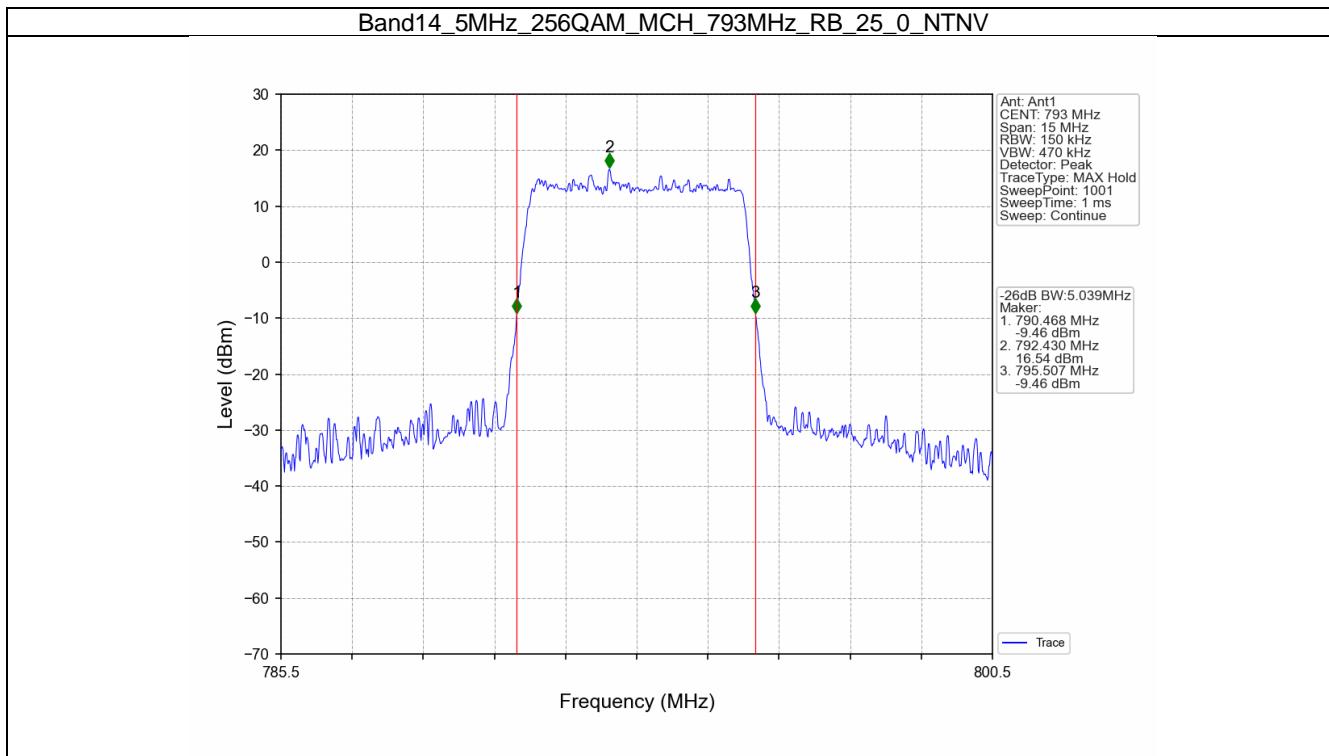
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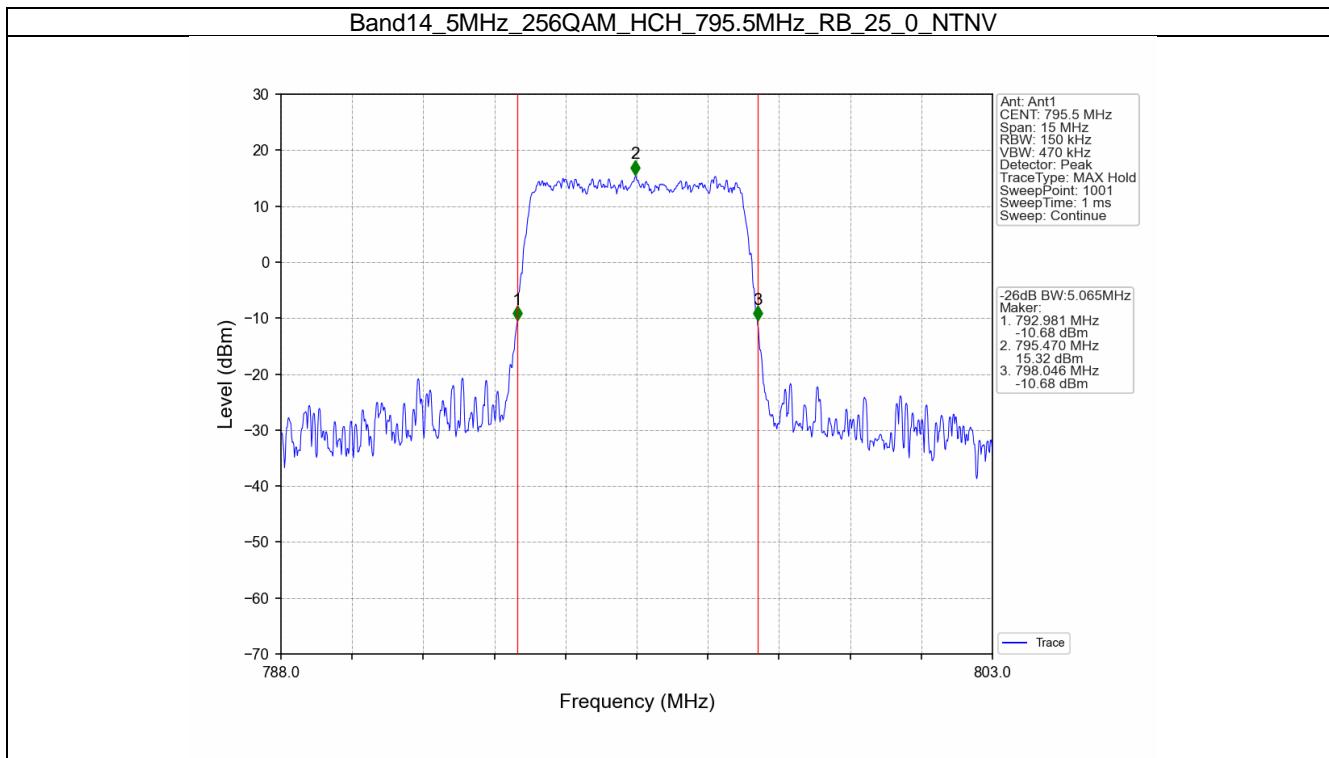
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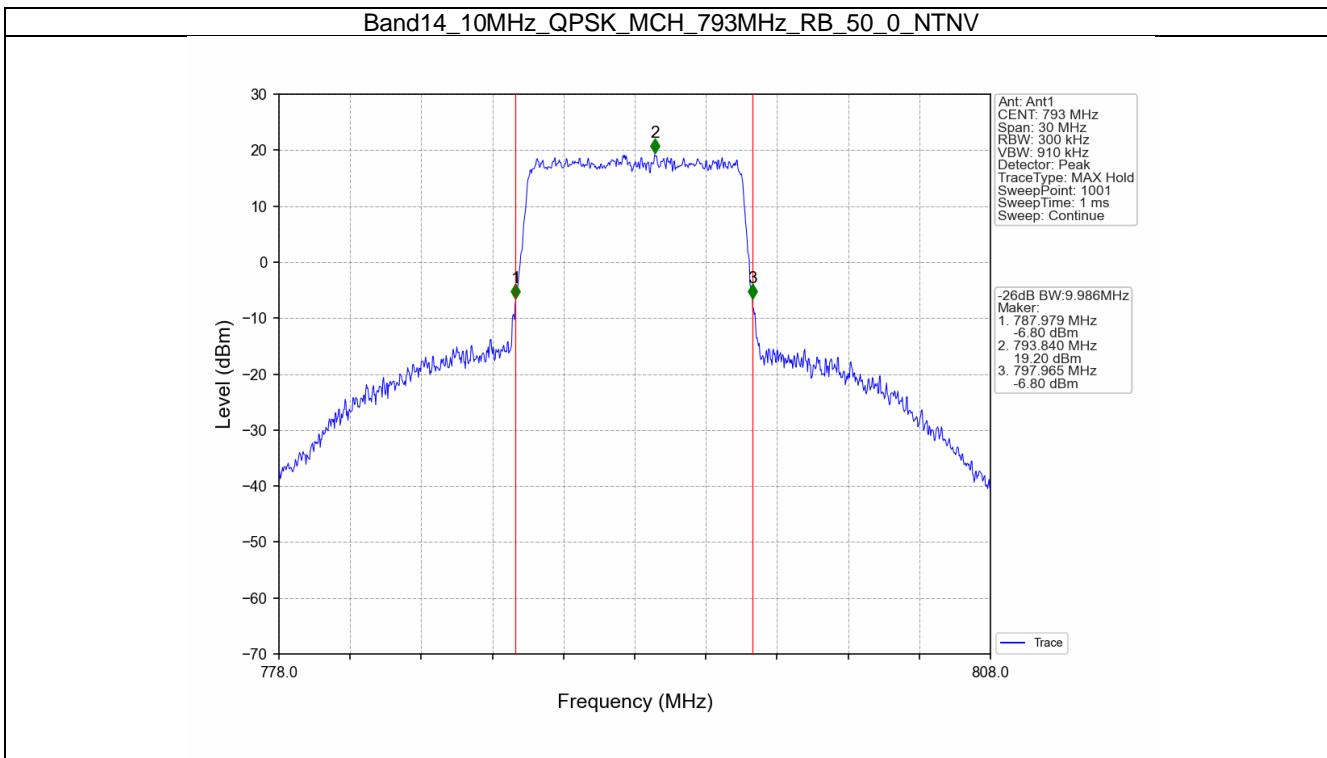
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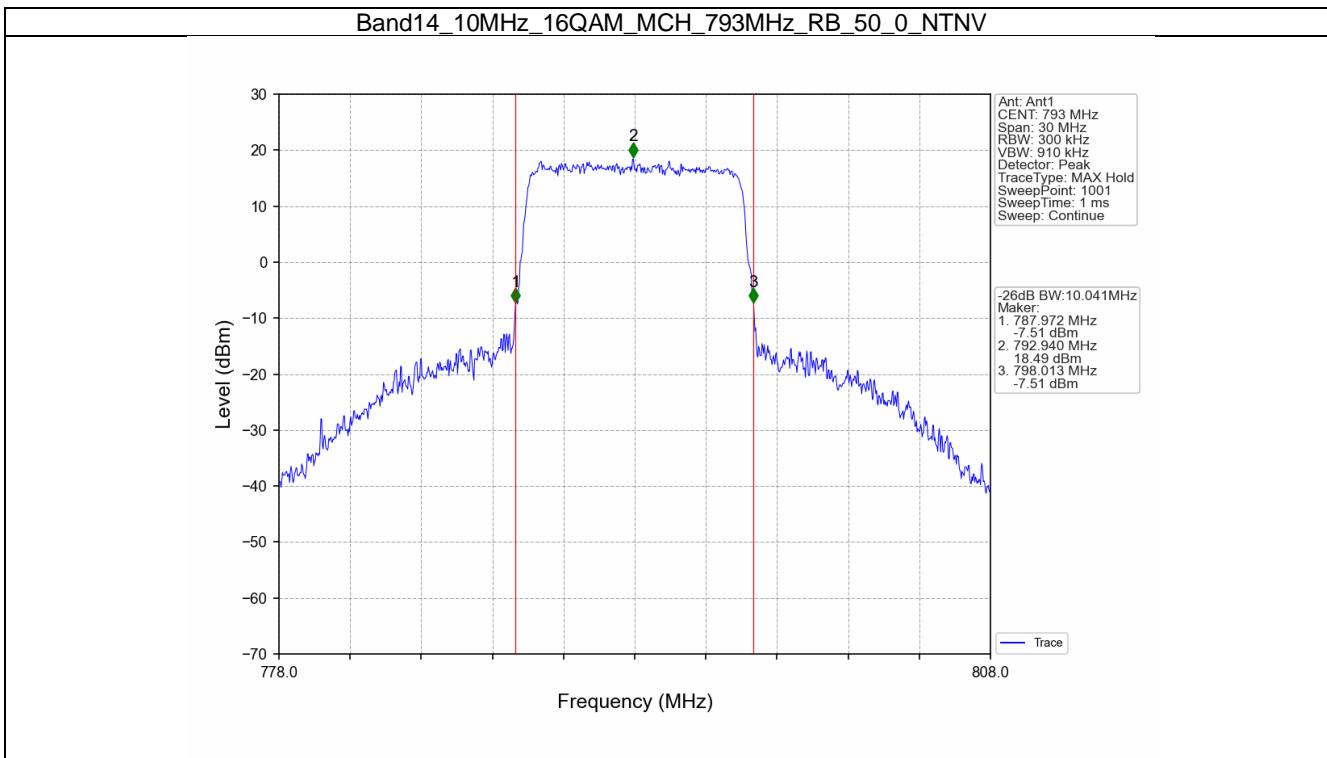
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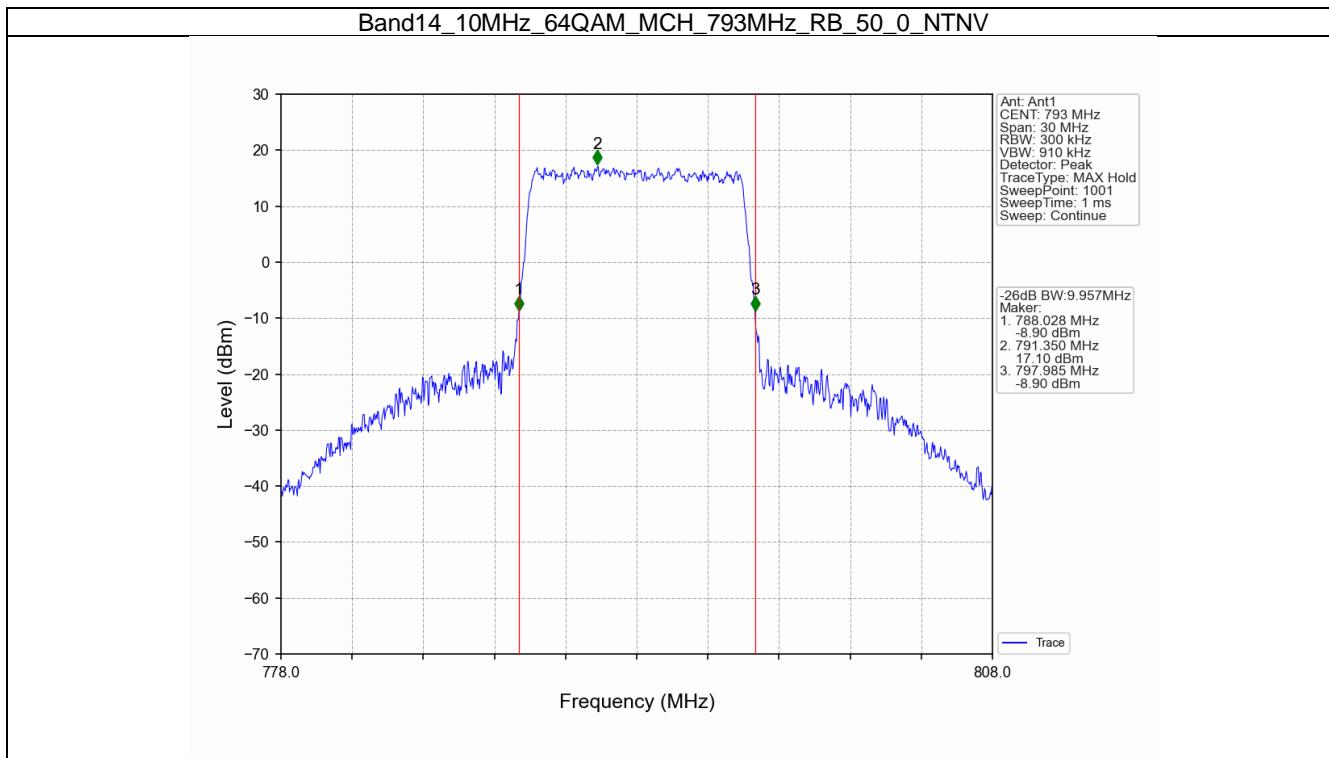
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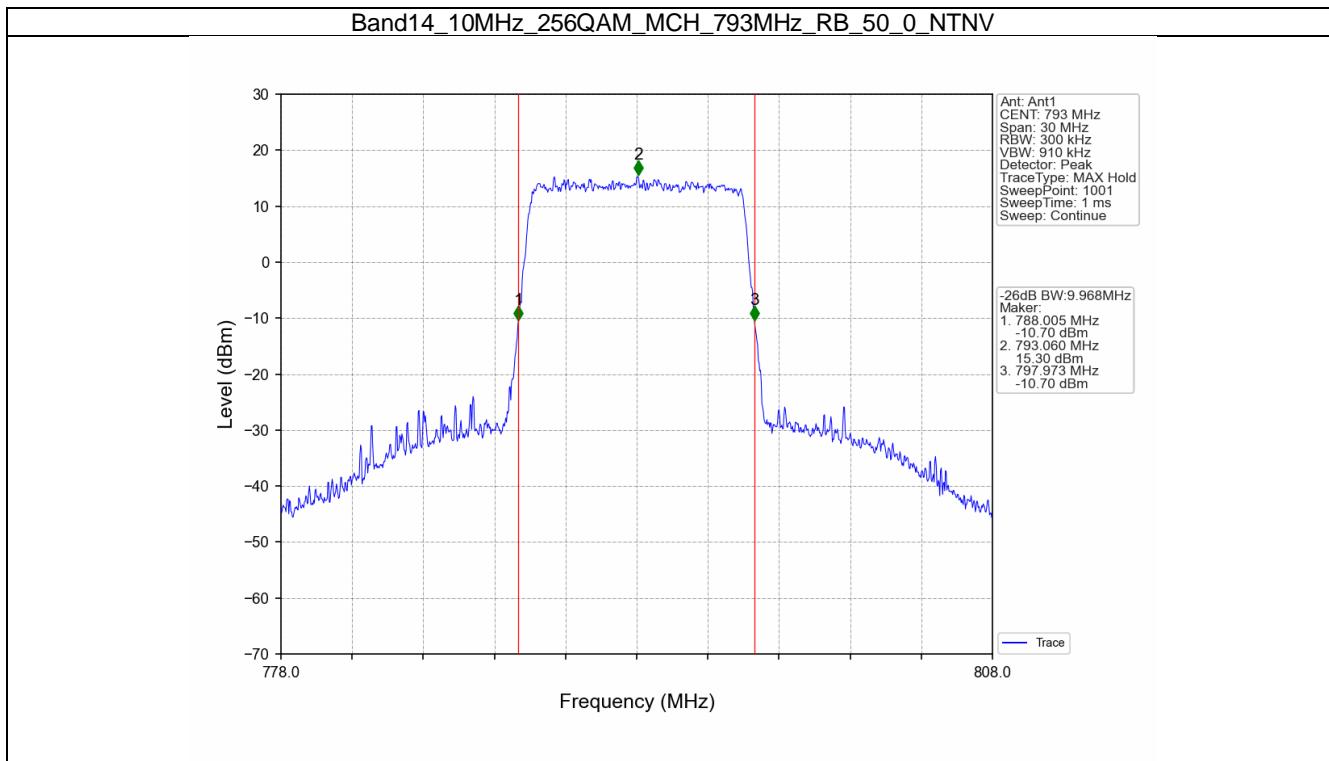
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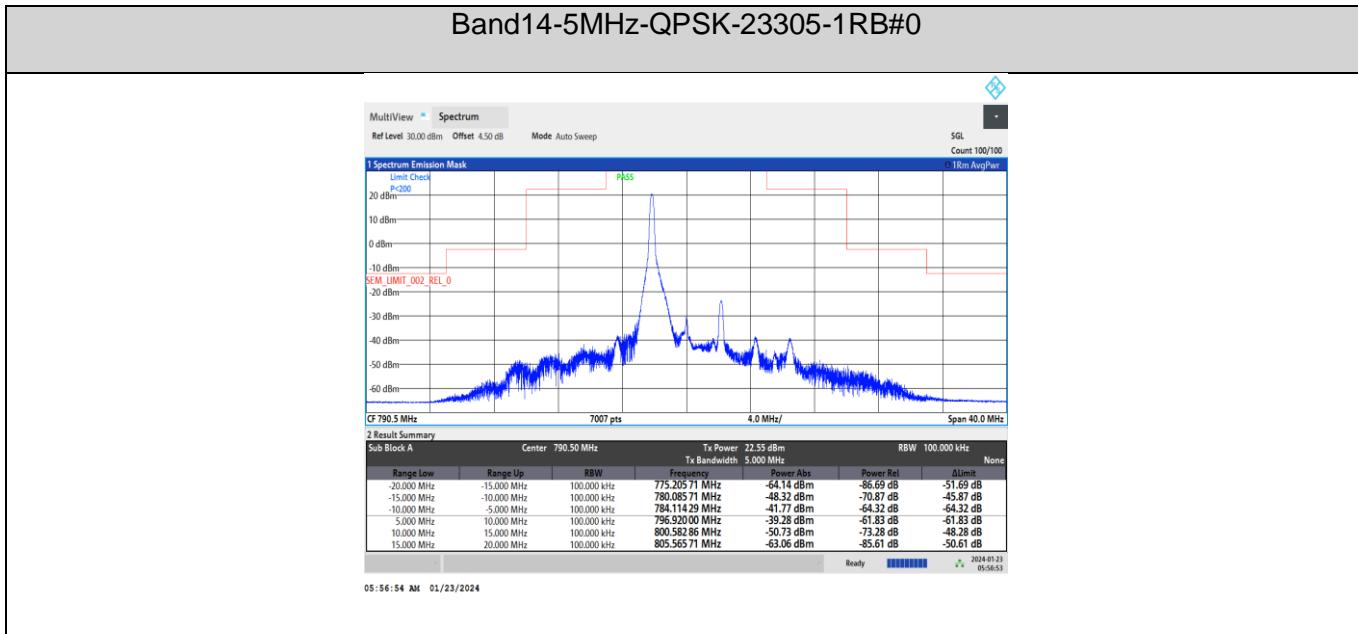
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4. Emission Mask

4.1 Test Graphs



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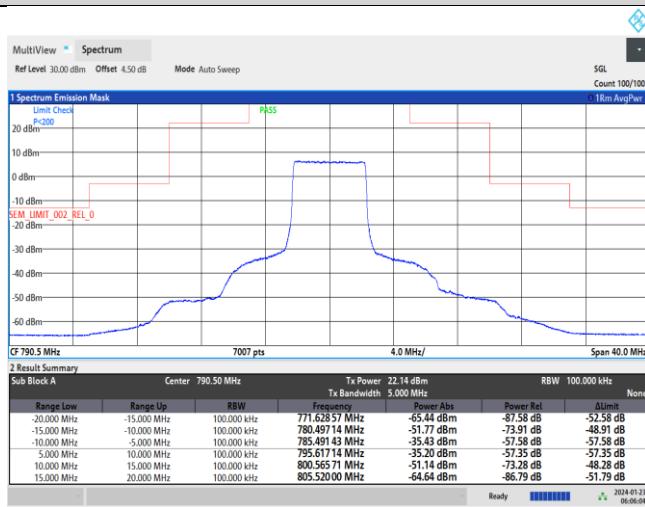
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Band14-5MHz-QPSK-23305-25RB#0



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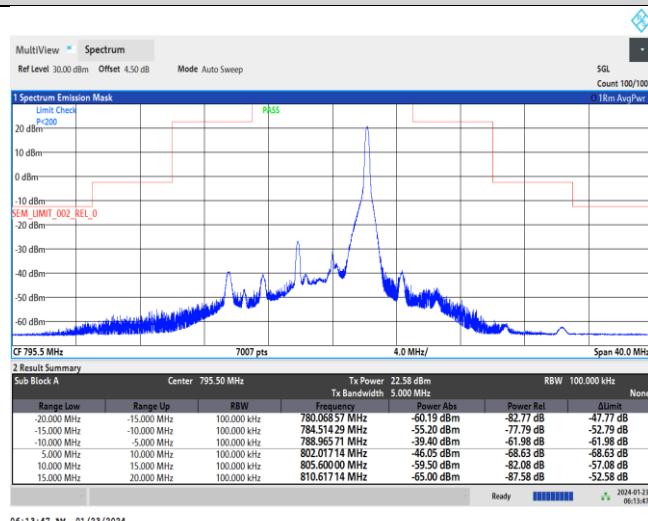
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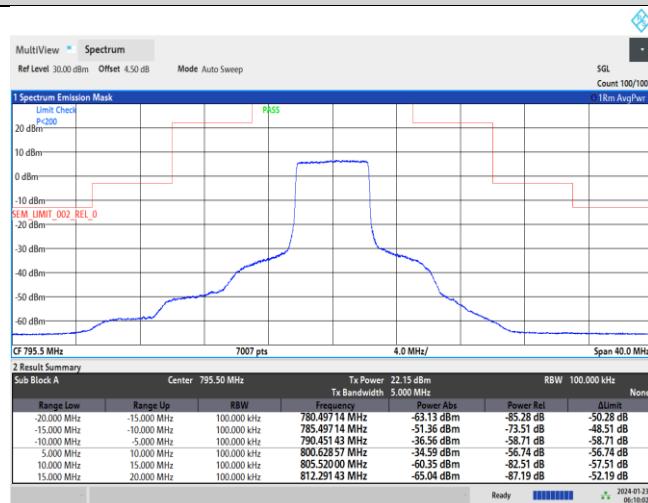
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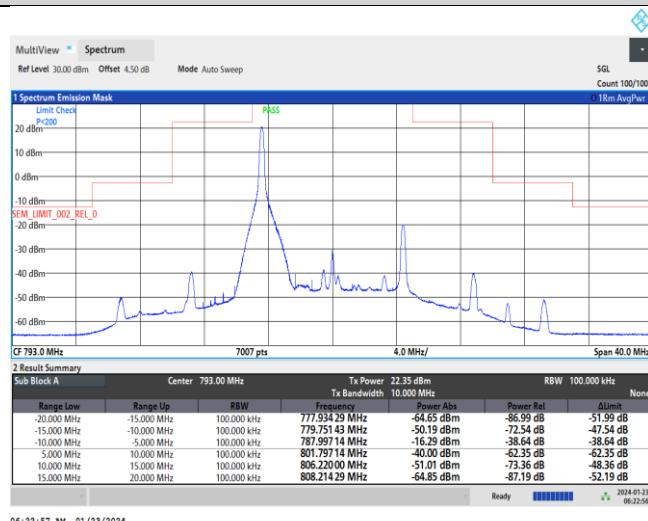


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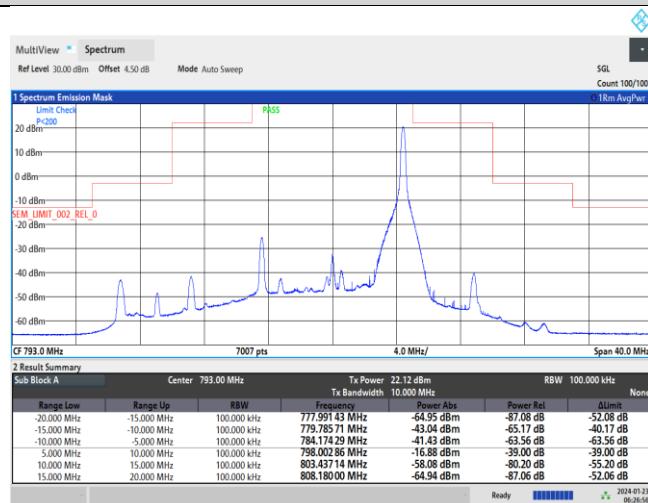
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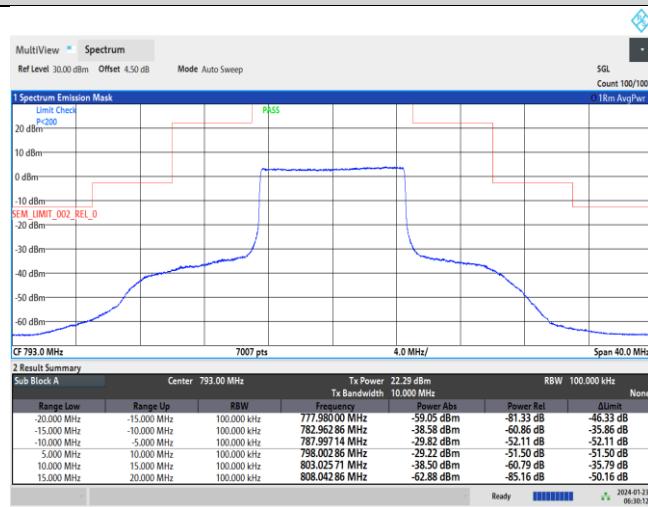
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5. Peak-Average Ratio

5.1 B14_5MHz

5.1.1 Test Result

Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	790.5	25	0	6.34	<=13	Pass
	793	25	0	6.28	<=13	Pass
	795.5	25	0	5.10	<=13	Pass
16QAM	790.5	25	0	6.33	<=13	Pass
	793	25	0	6.27	<=13	Pass
	795.5	25	0	5.83	<=13	Pass
64QAM	790.5	25	0	6.33	<=13	Pass
	793	25	0	6.27	<=13	Pass
	795.5	25	0	6.29	<=13	Pass
256QAM	790.5	25	0	6.77	<=13	Pass
	793	25	0	6.74	<=13	Pass
	795.5	25	0	6.75	<=13	Pass

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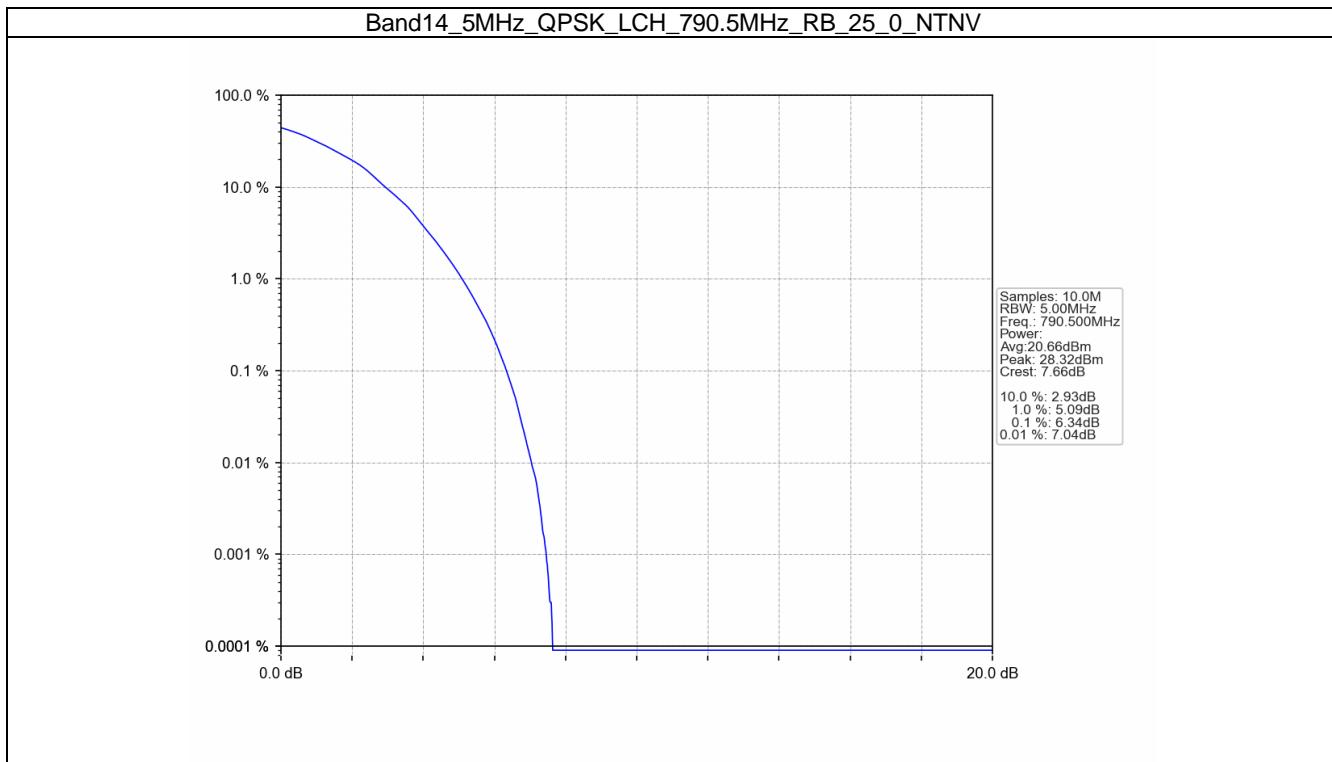
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5.1.2 Test Graph



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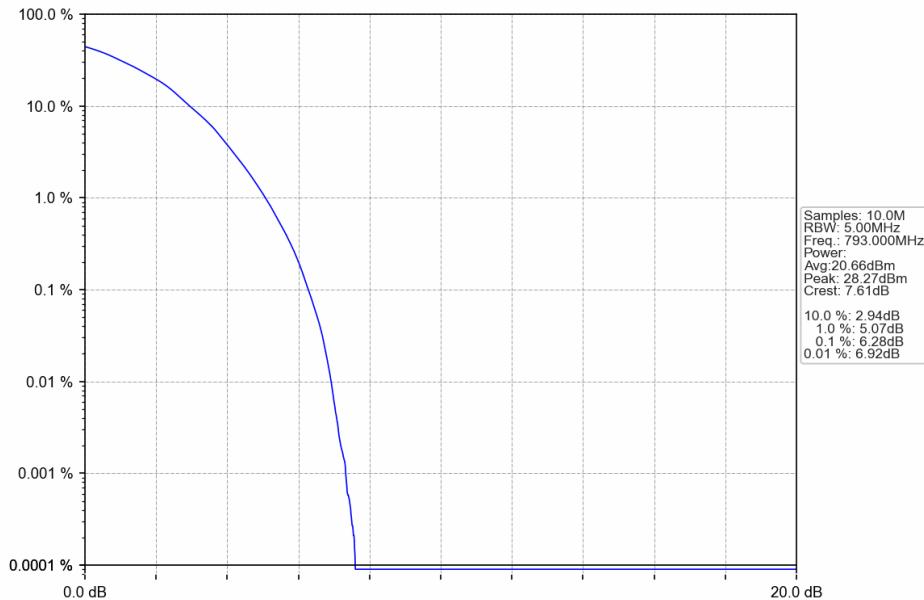


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Band14_5MHz_QPSK_MCH_793MHz_RB_25_0_NTNV



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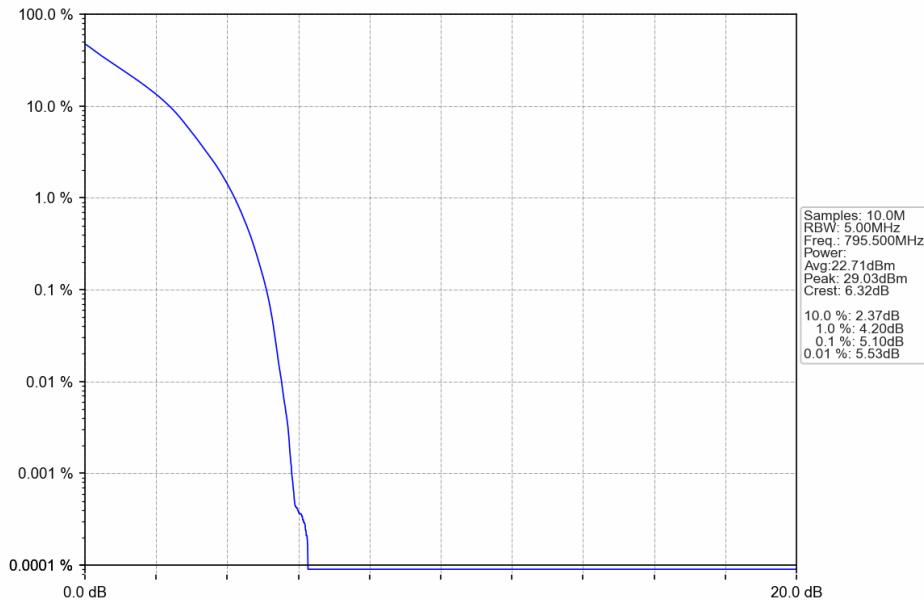
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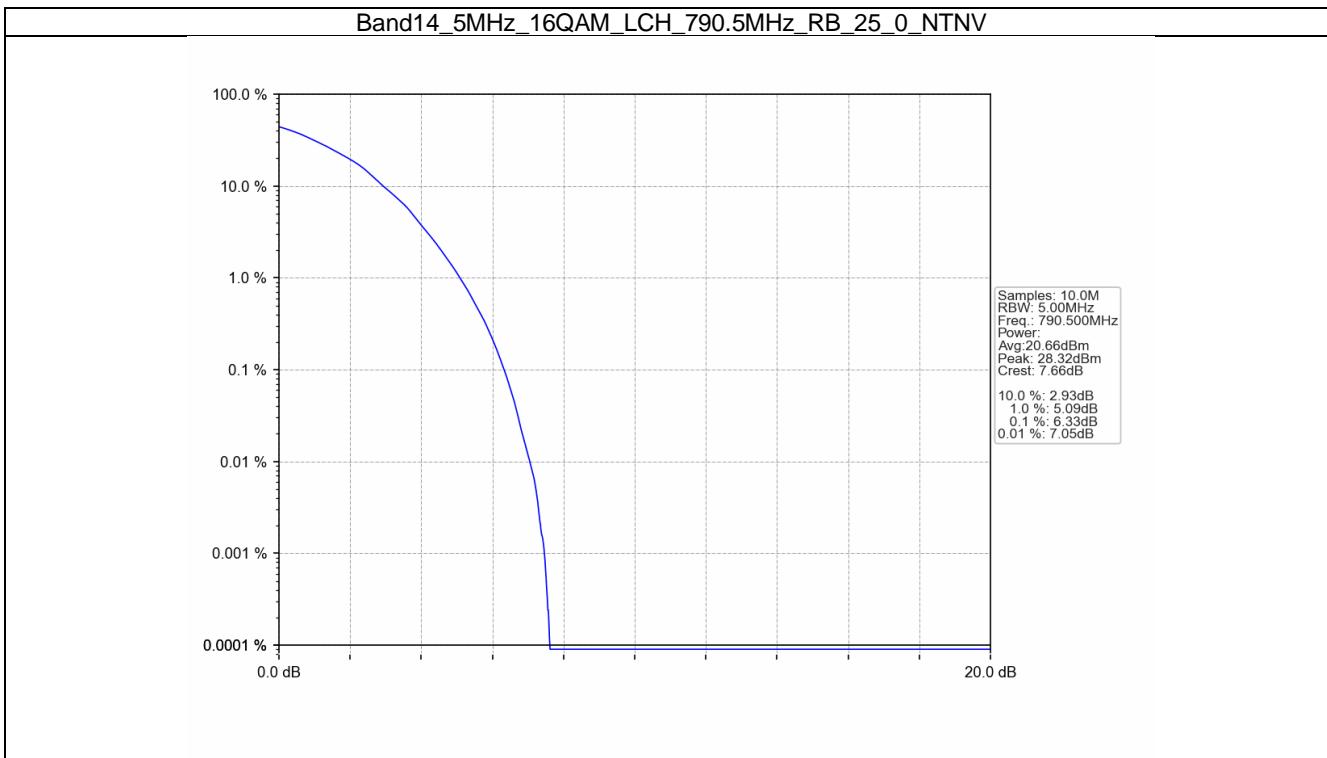
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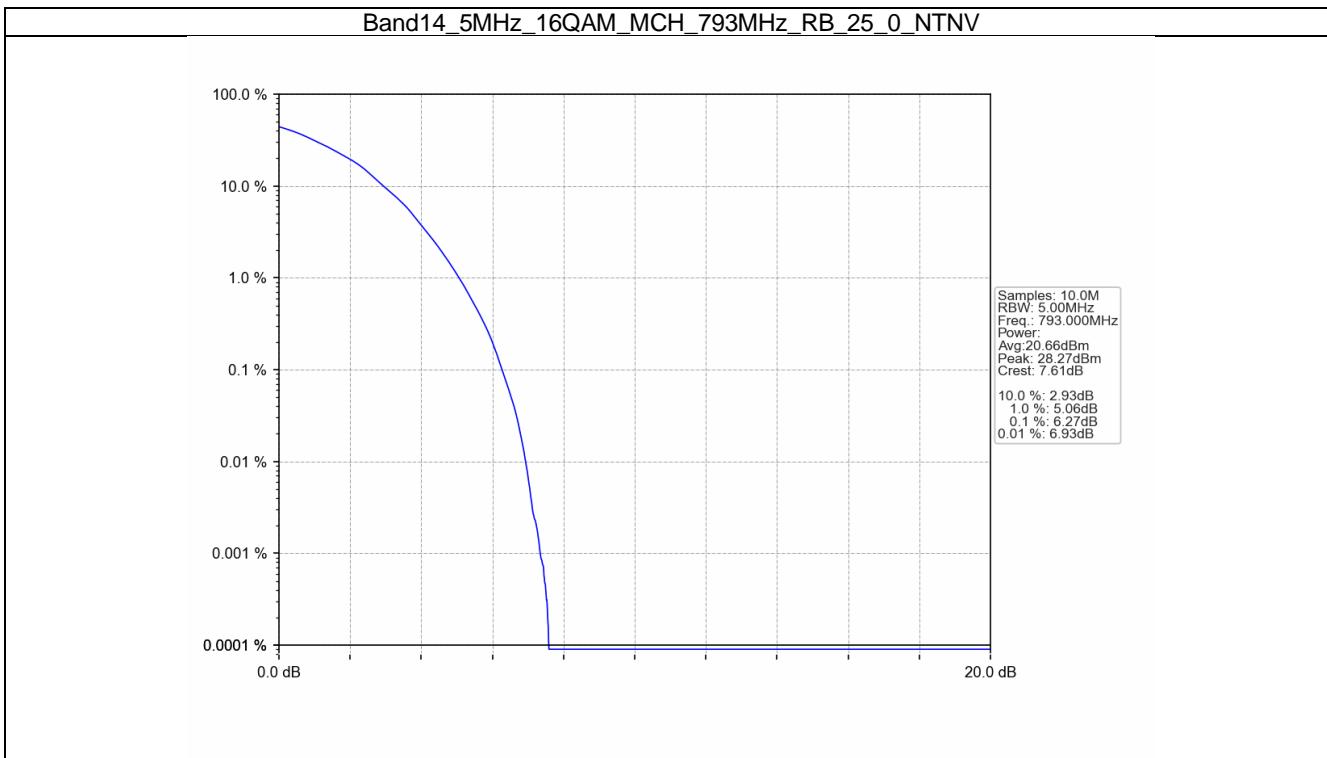
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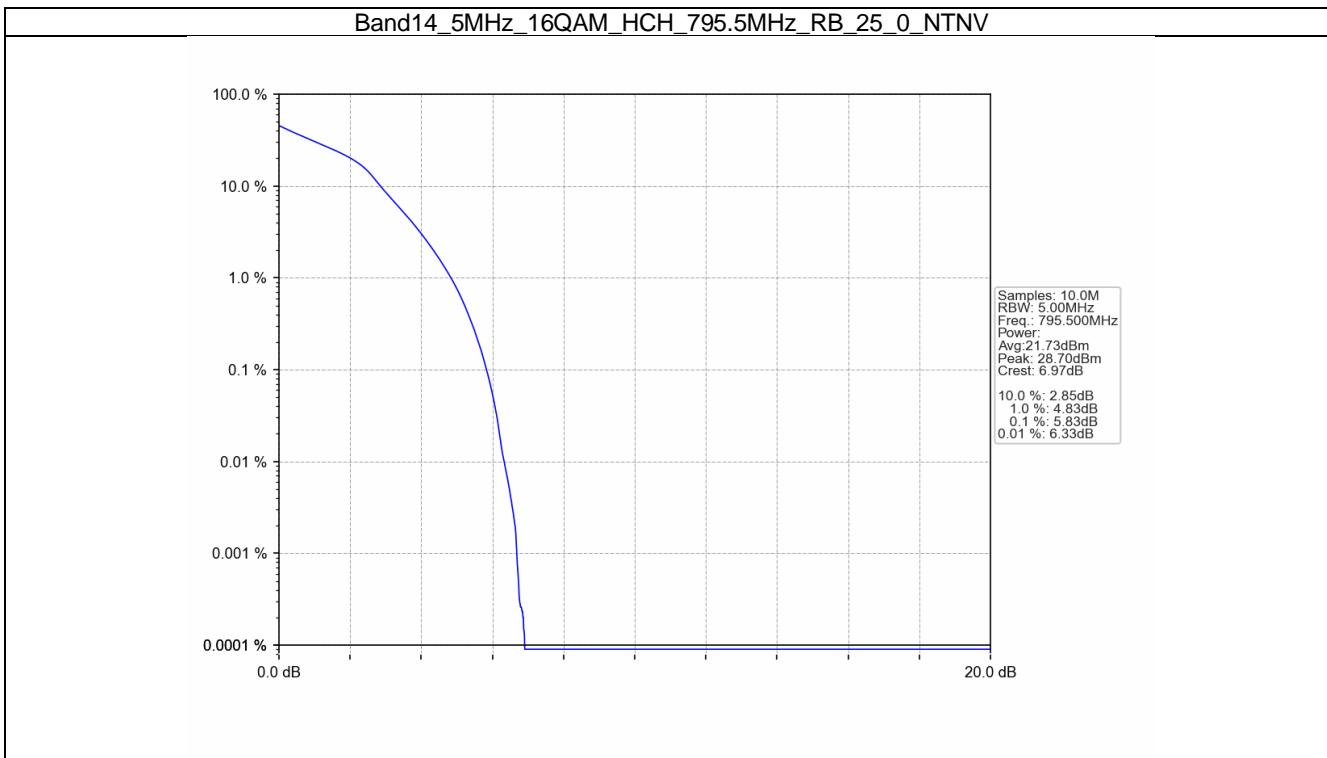
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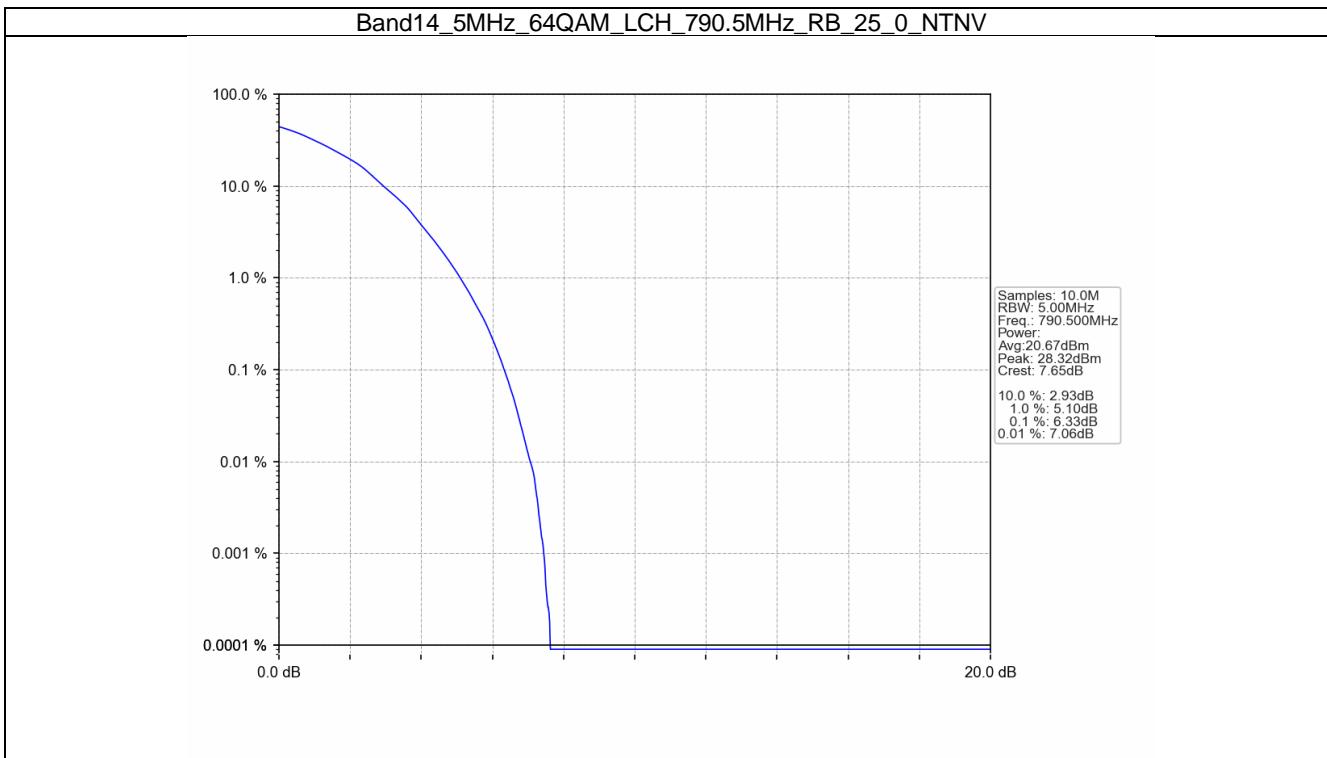
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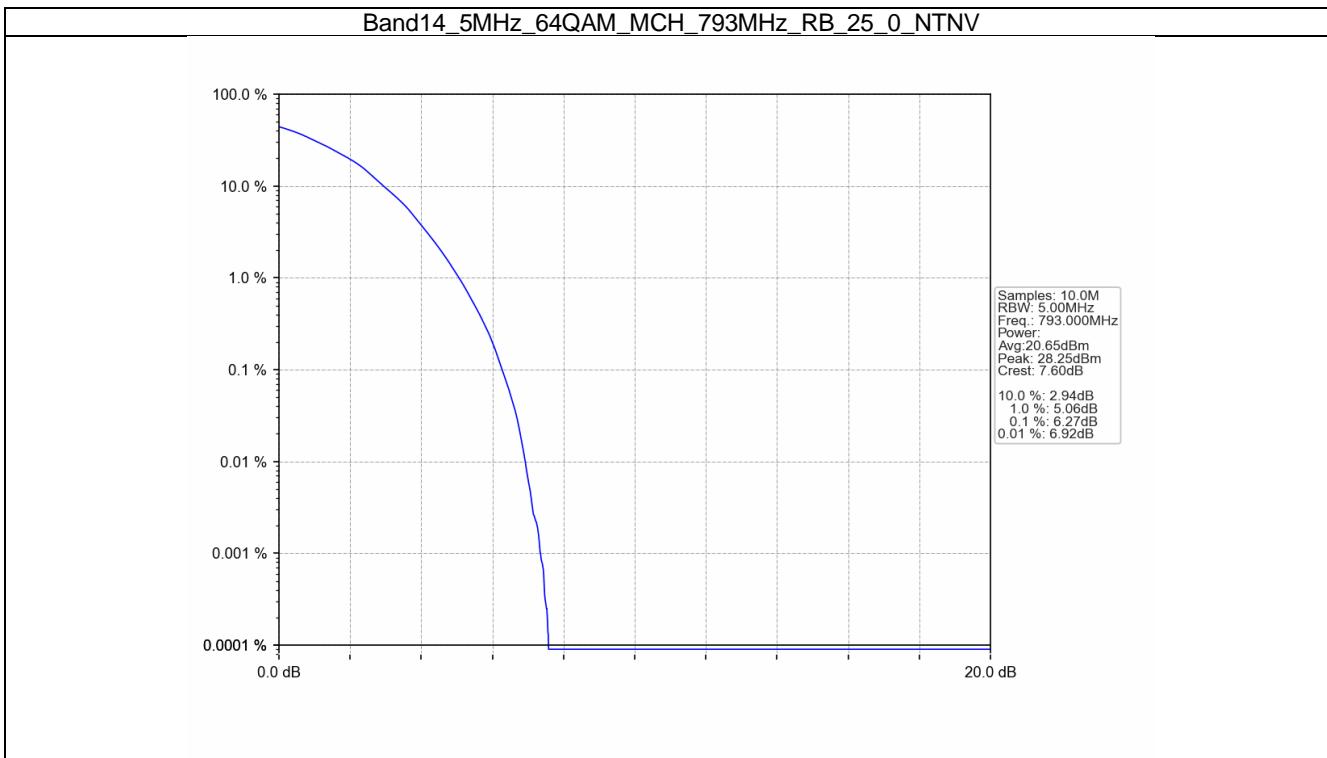
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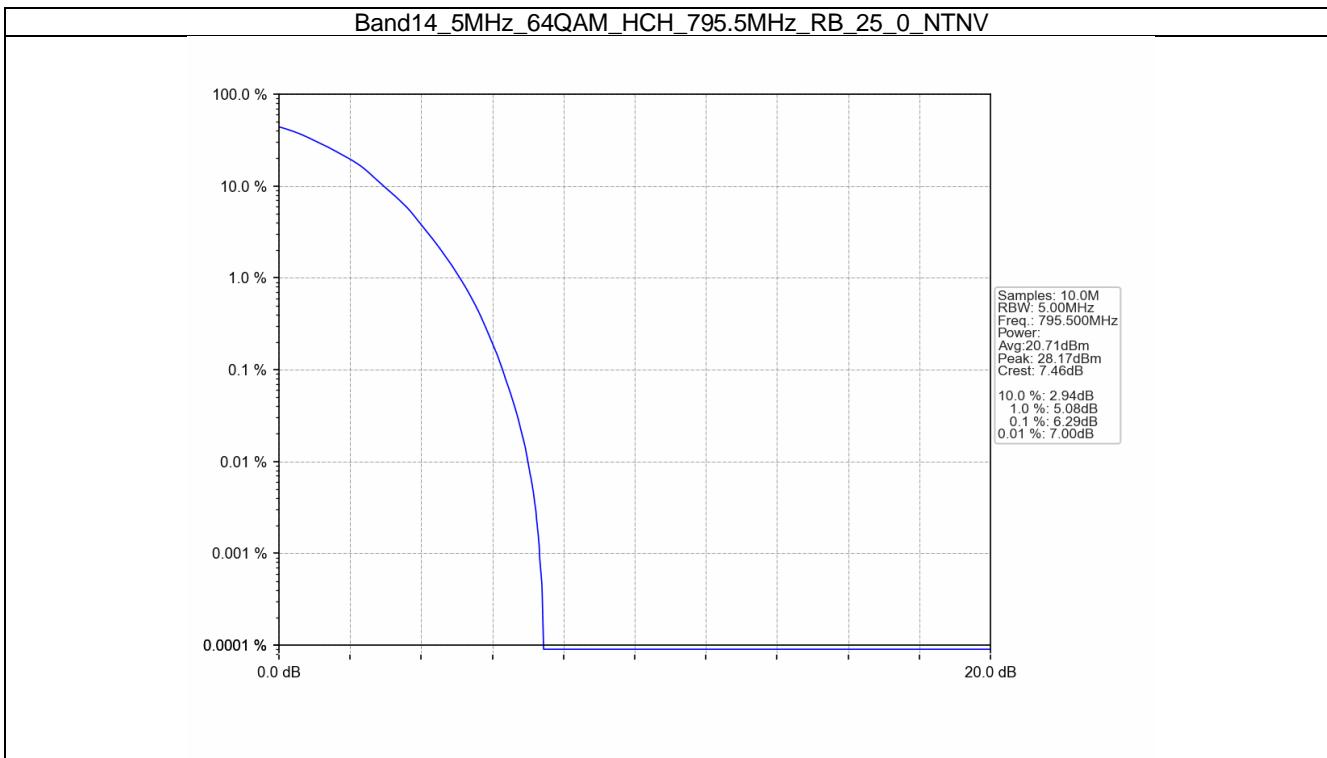
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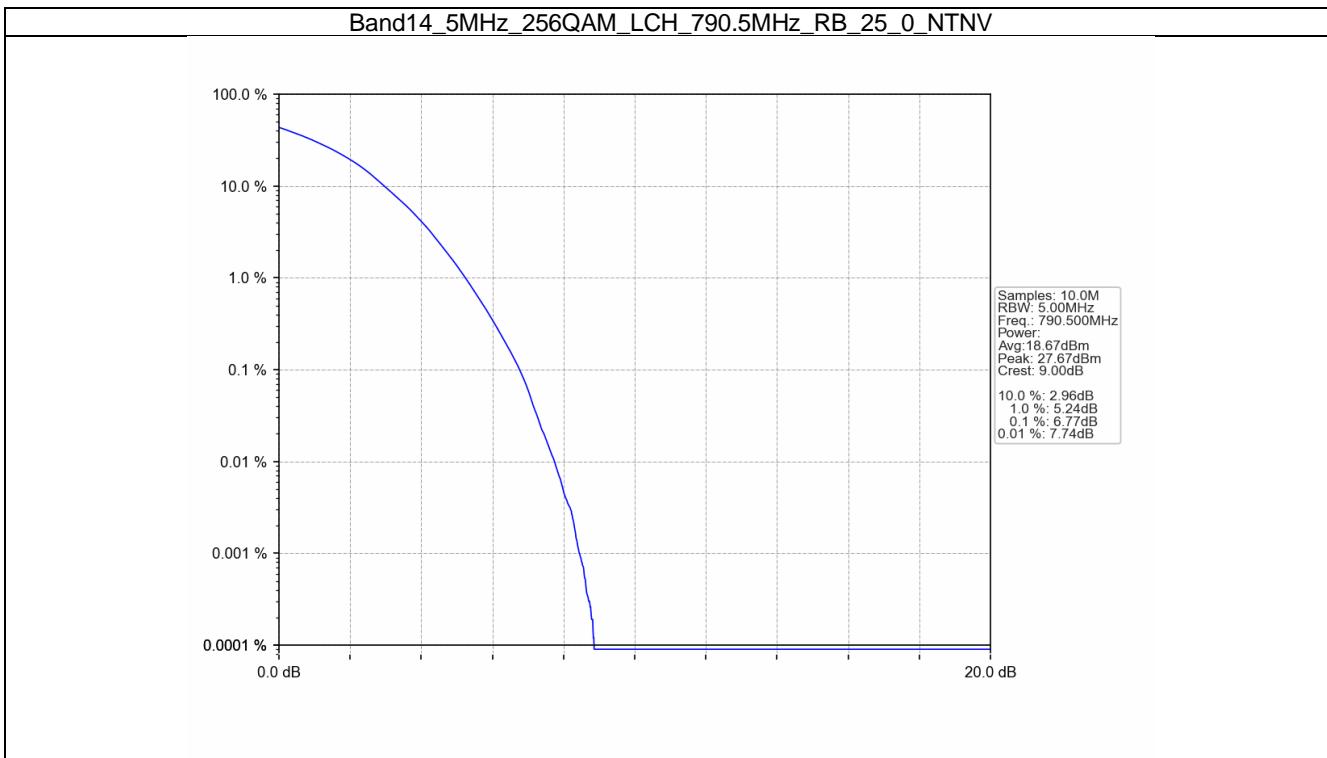
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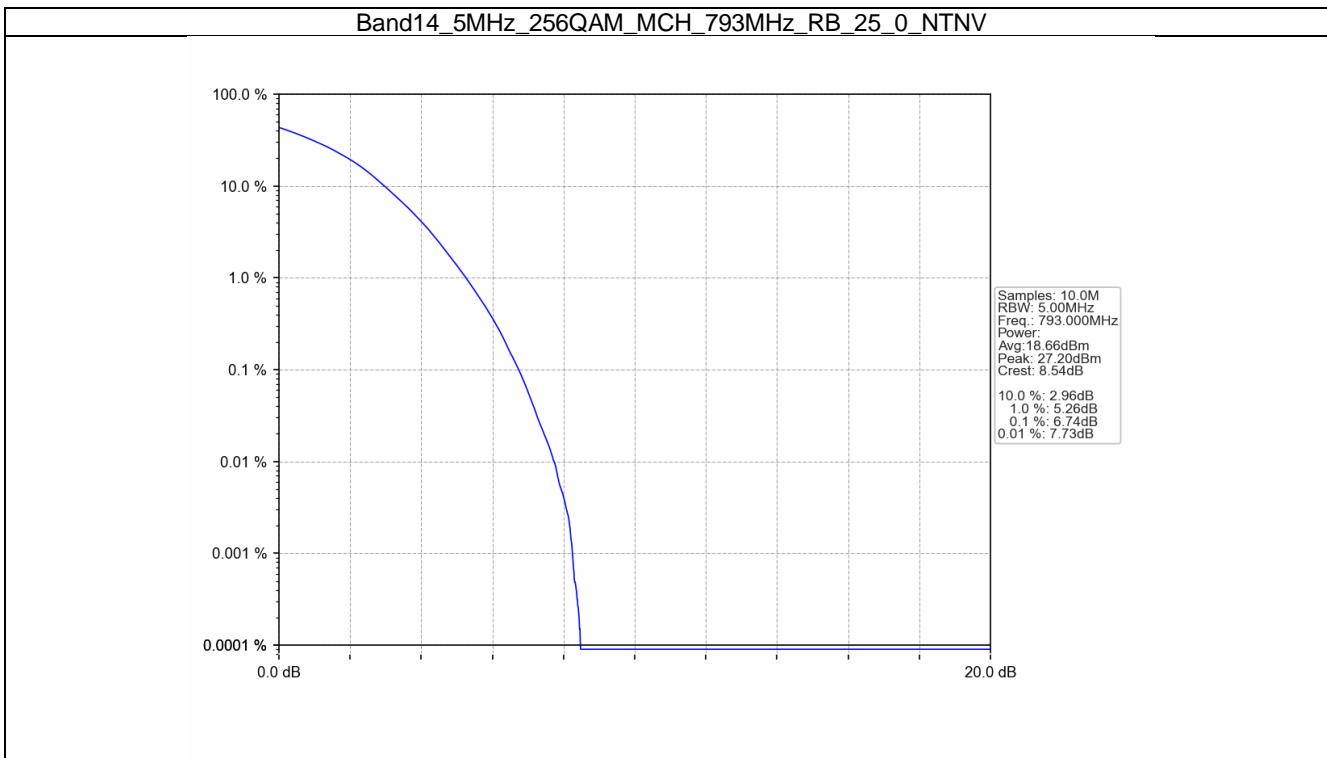
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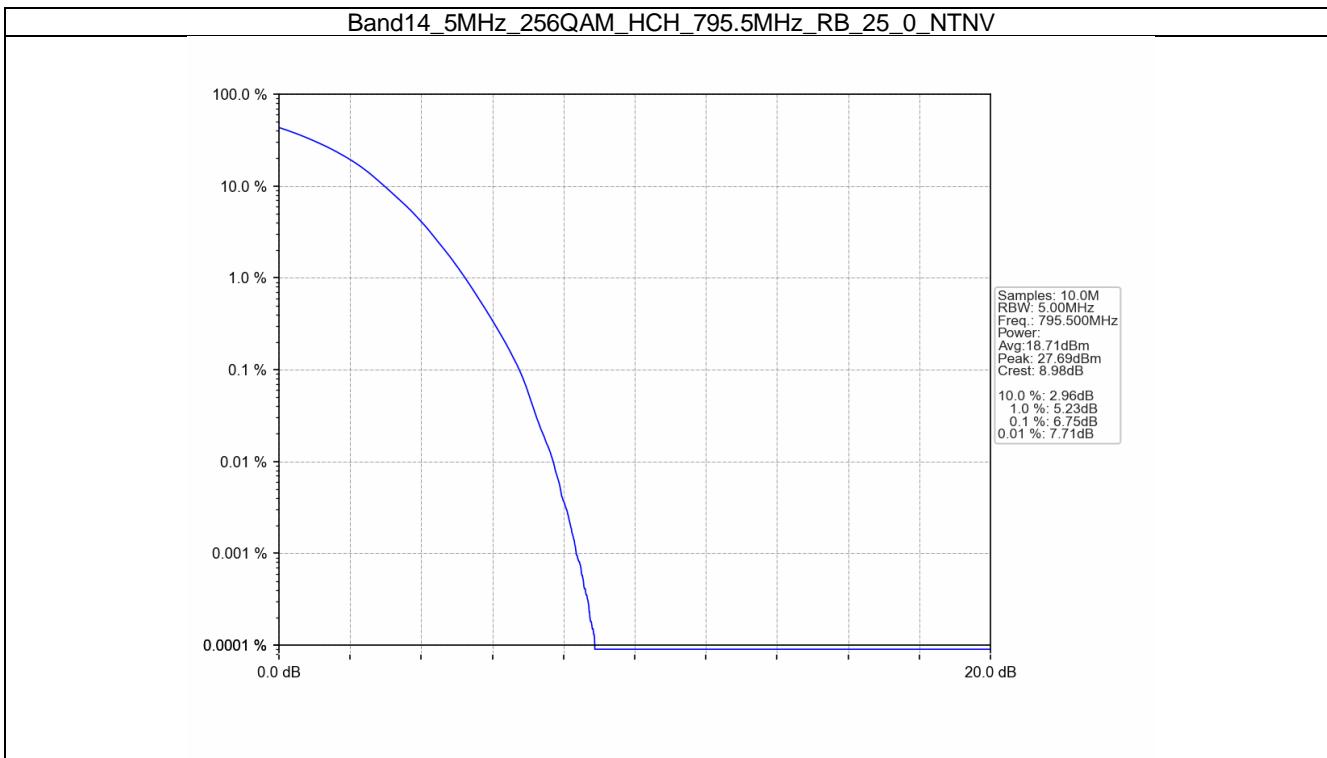
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5.2 B14_10MHz

5.2.1 Test Result

Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	793	50	0	5.12	<=13	Pass
16QAM	793	50	0	5.90	<=13	Pass
64QAM	793	50	0	6.34	<=13	Pass
256QAM	793	50	0	6.62	<=13	Pass

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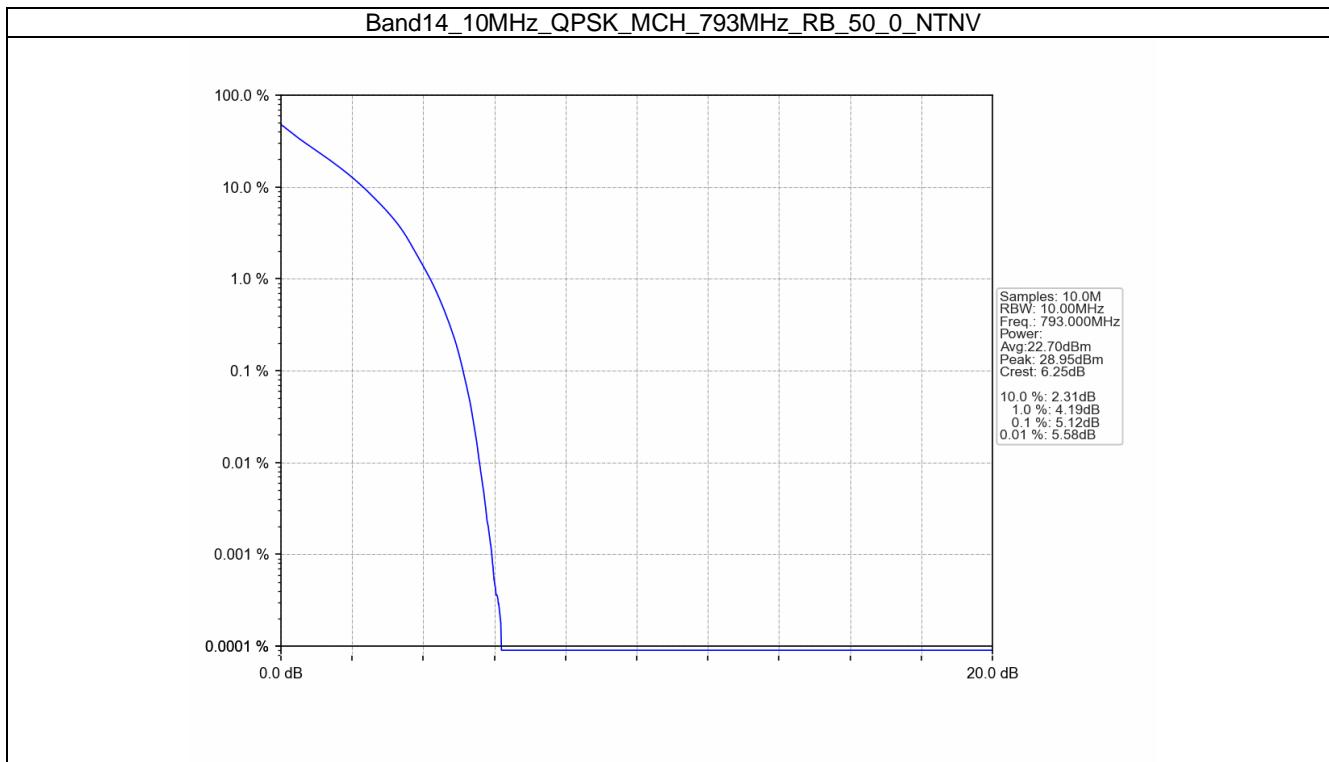
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5.2.2 Test Graph



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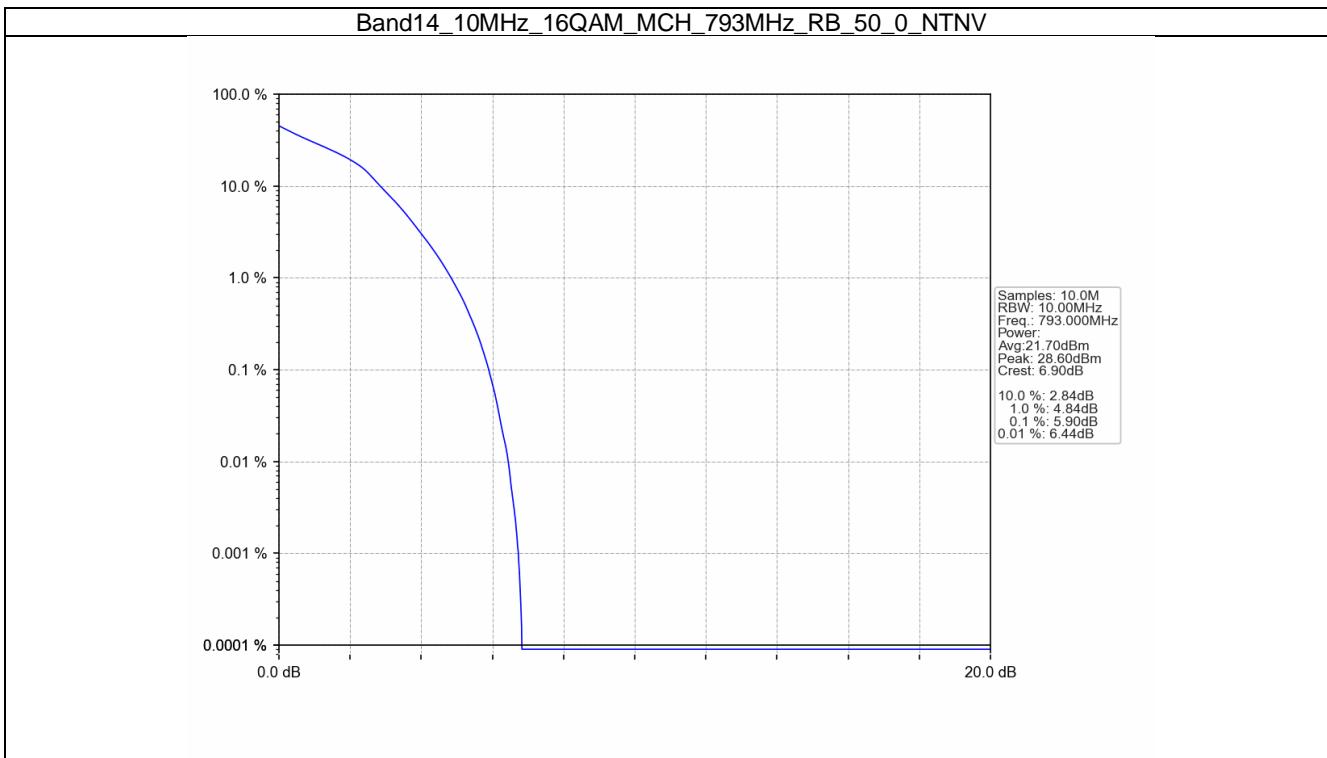
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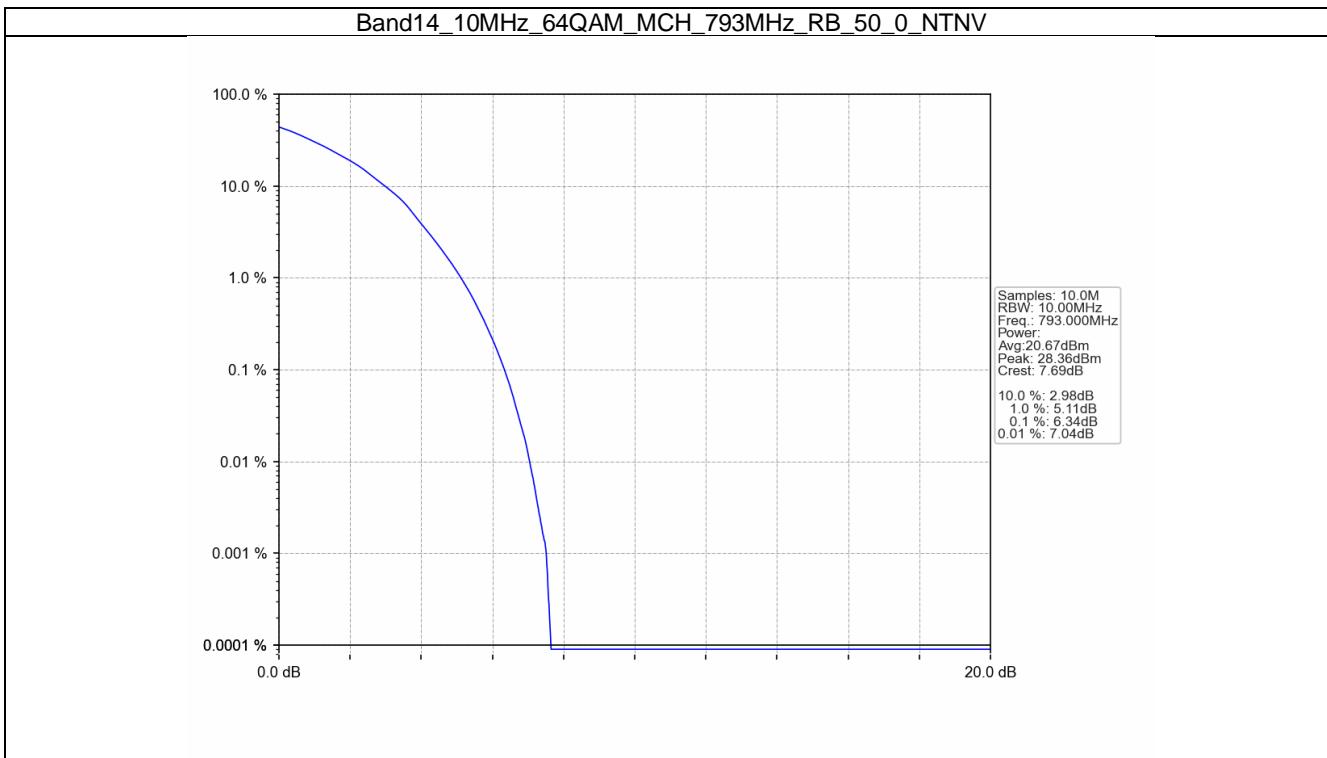
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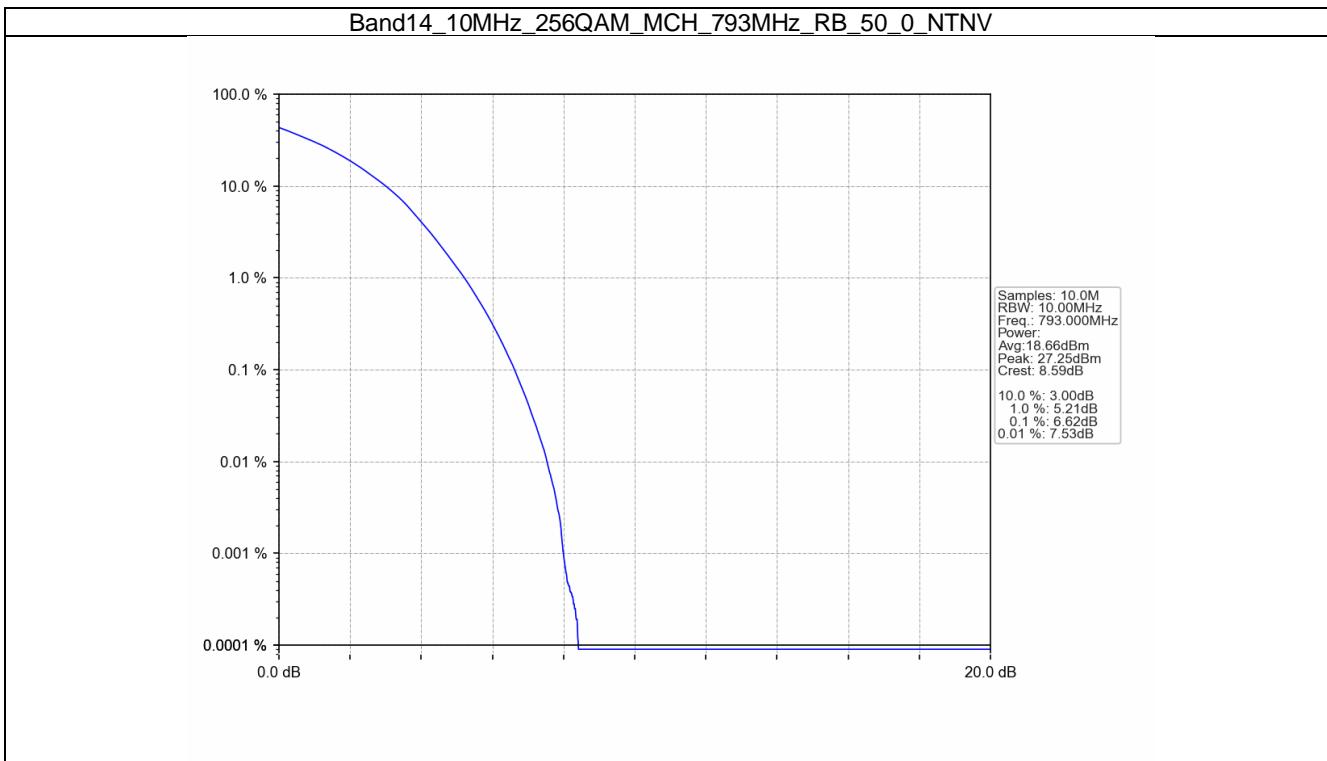
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6. Spurious Emission & Band Edges

6.1 B14_5MHz

6.1.1 Test Result

Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	790.5	1	0	Refer To Test Graph		Pass	
		25	0	Refer To Test Graph		Pass	
	793	1	0	Refer To Test Graph		Pass	
		795.5	0	Refer To Test Graph		Pass	
			24	Refer To Test Graph		Pass	
			25	Refer To Test Graph		Pass	

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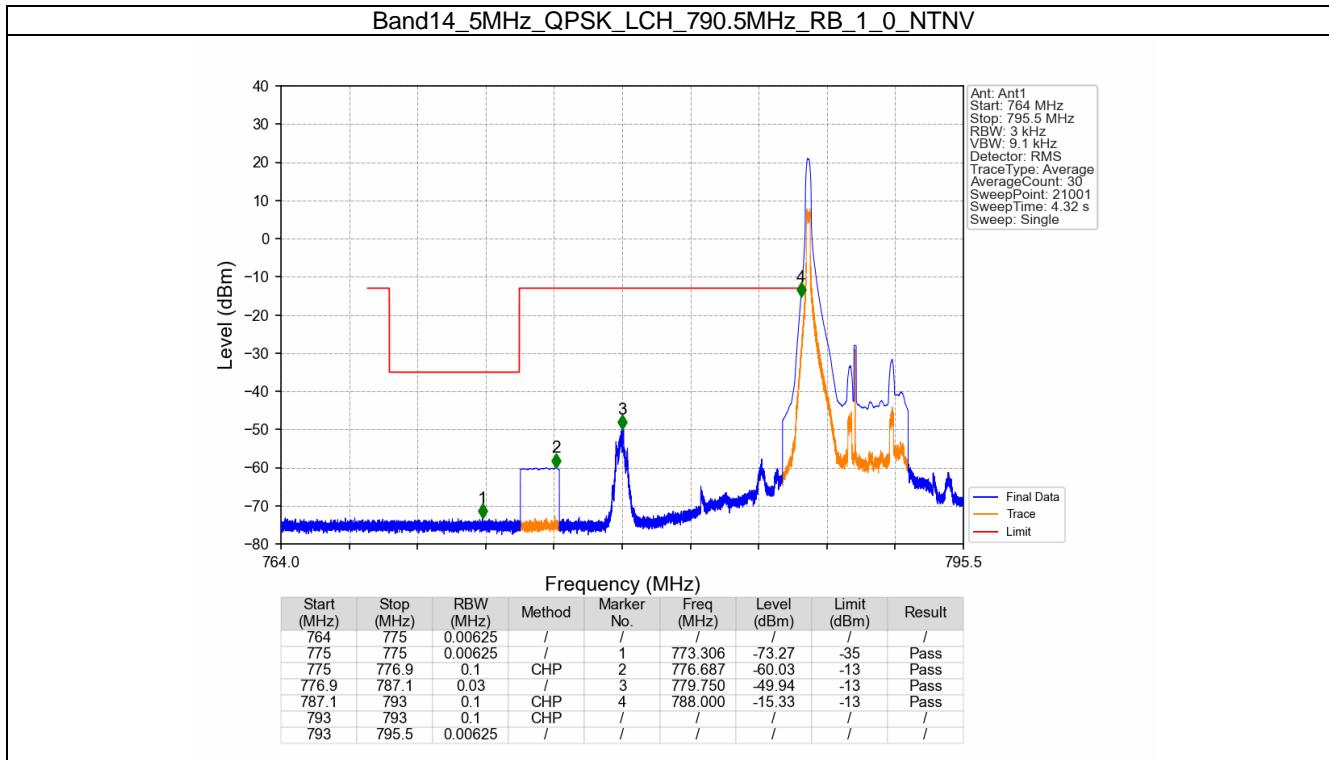
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6.1.2 Test Graph



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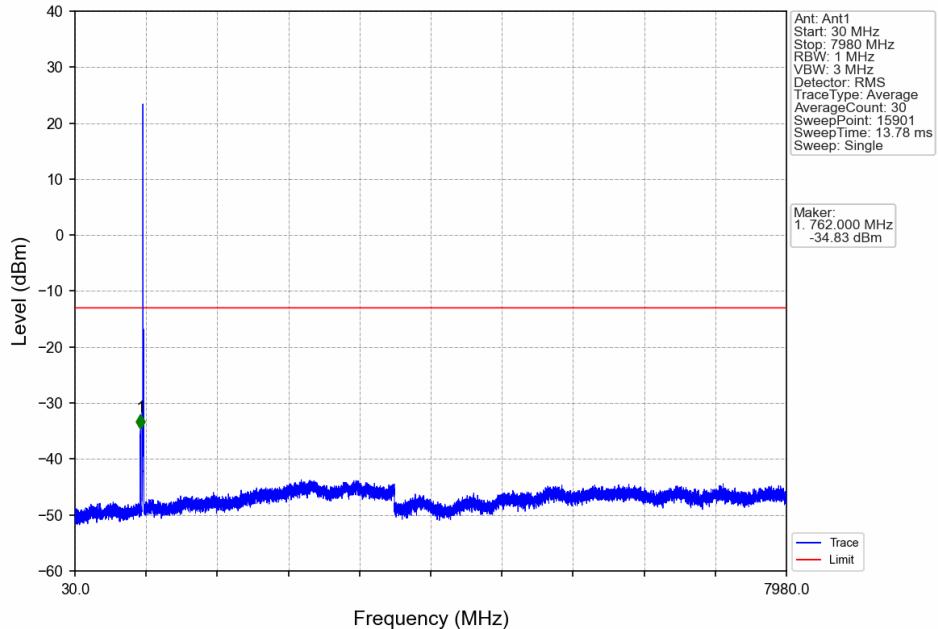
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Band14_5MHz_QPSK_LCH_790.5MHz_RB_1_0_NTNV



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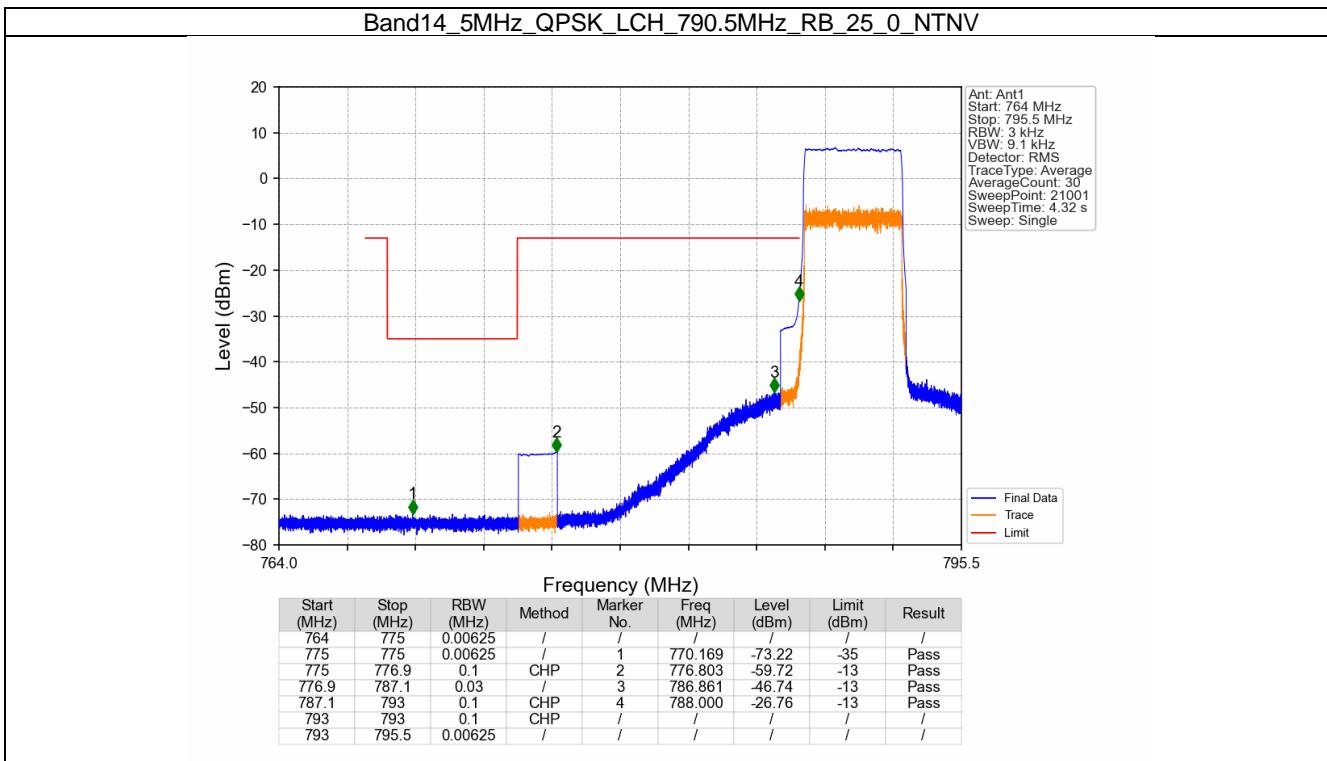
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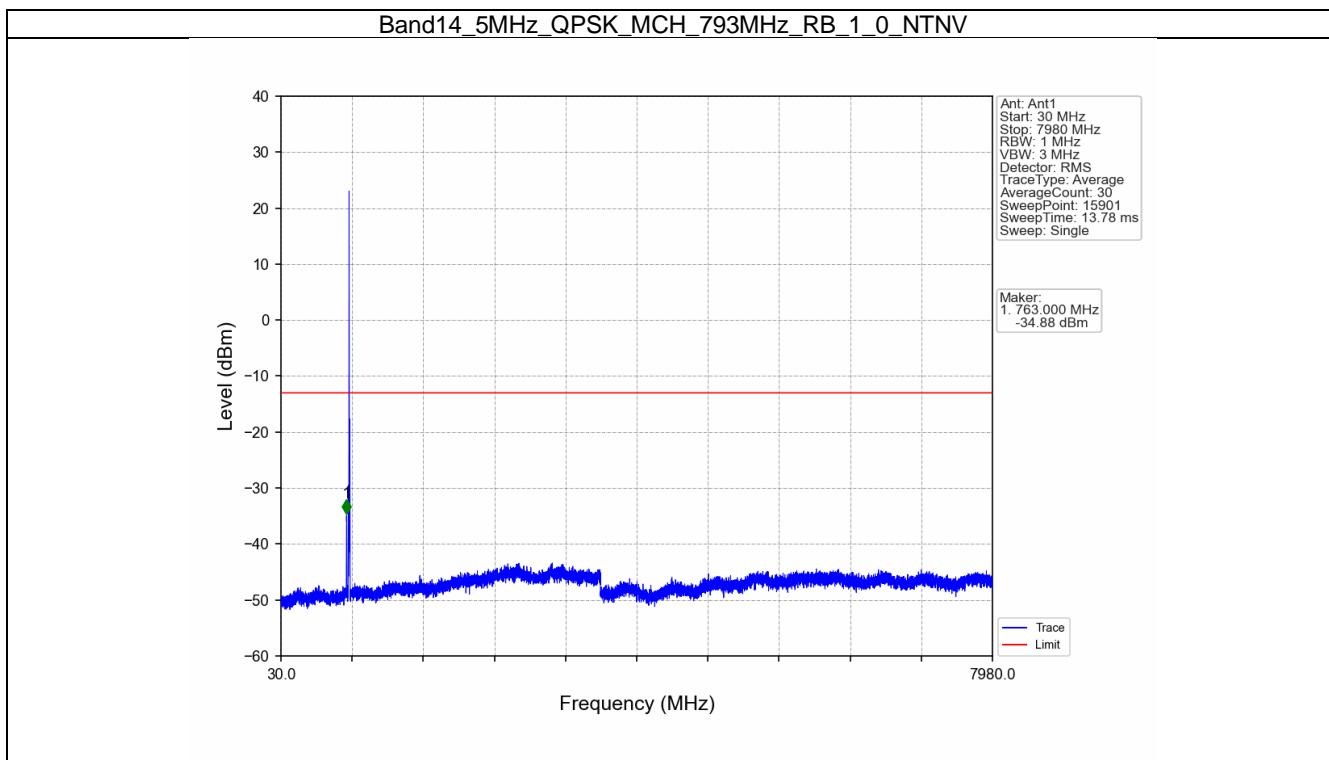
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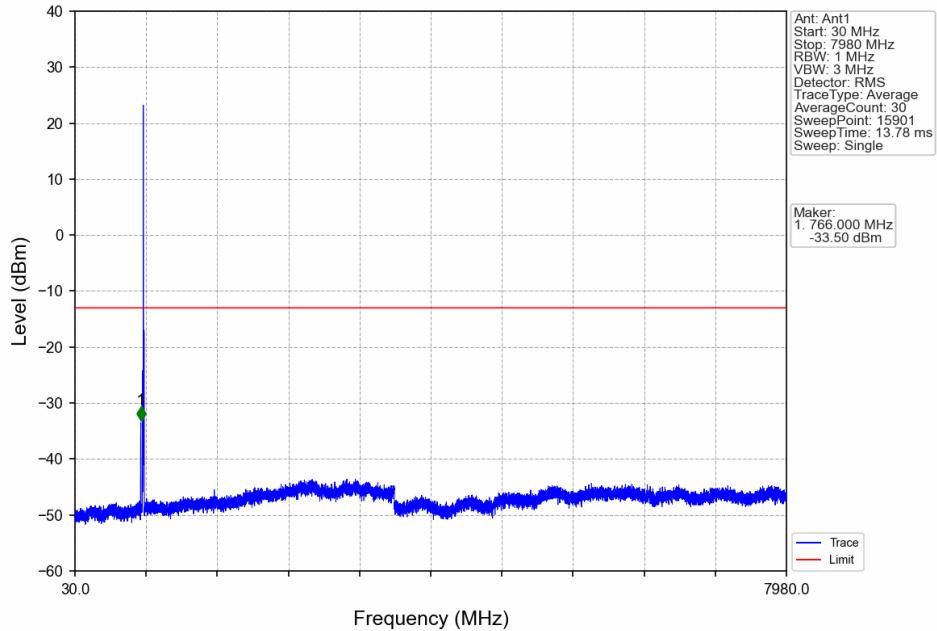
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Band14_5MHz_QPSK_HCH_795.5MHz_RB_1_0_NTNV



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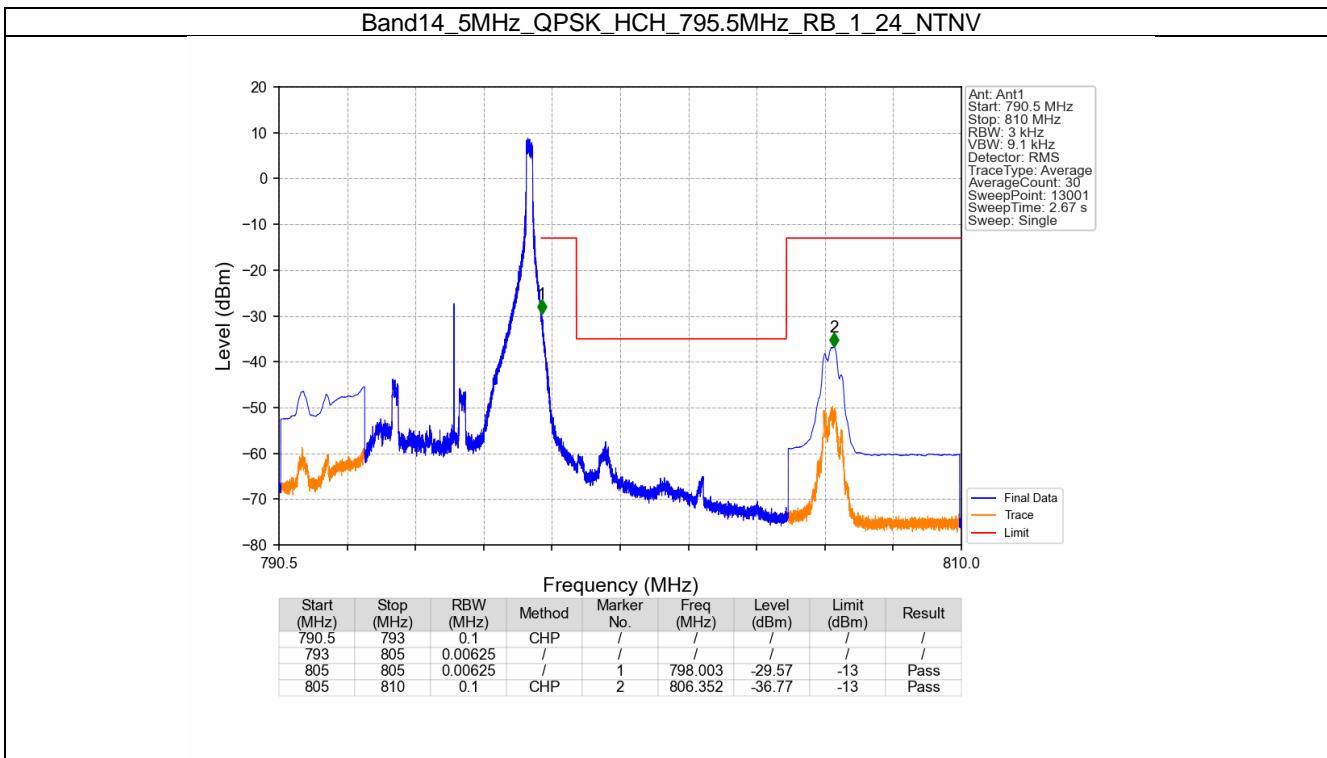
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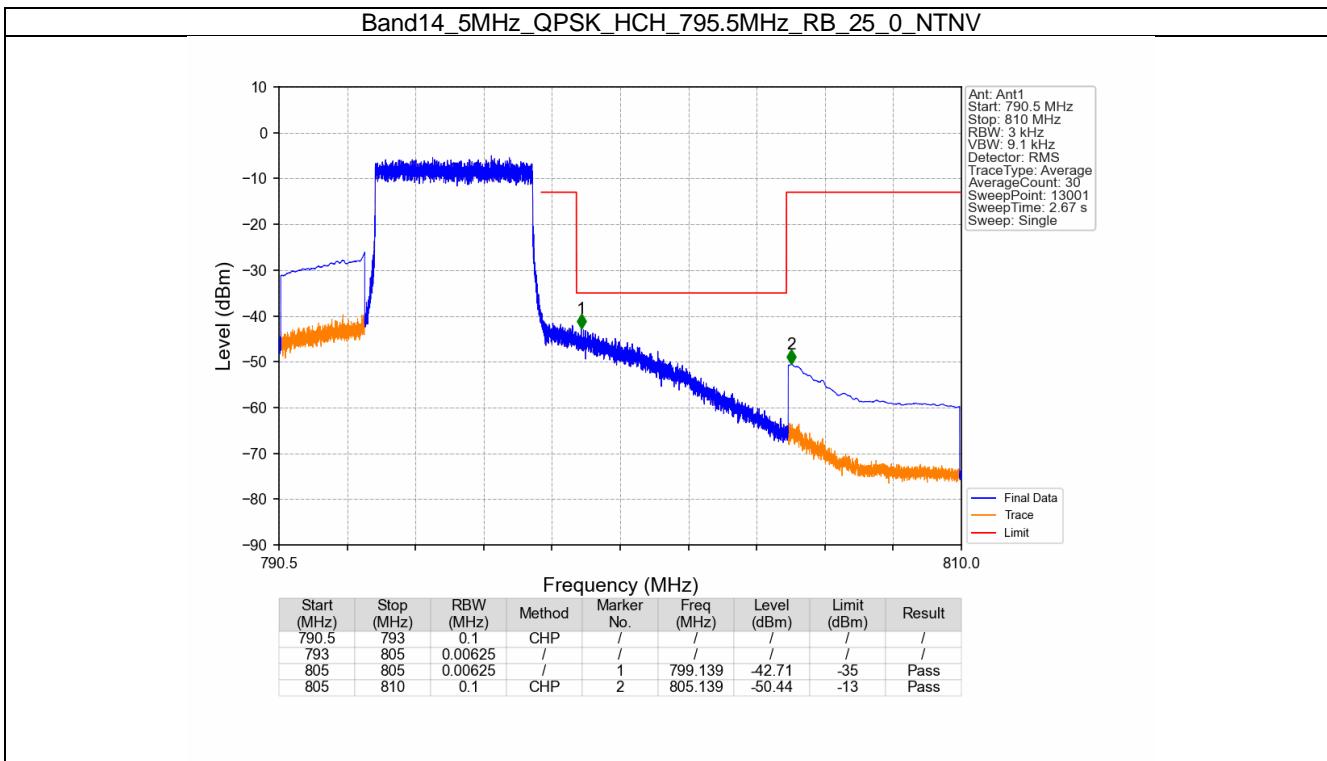
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6.2 B14_10MHz

6.2.1 Test Result

Band: 14 / Bandwidth: 10MHz / NTV						Verdict	
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission			
		Size	Offset	Result	Limit		
QPSK	793	1	0	Refer To Test Graph		Pass	
			49	Refer To Test Graph		Pass	
		50	0	Refer To Test Graph		Pass	

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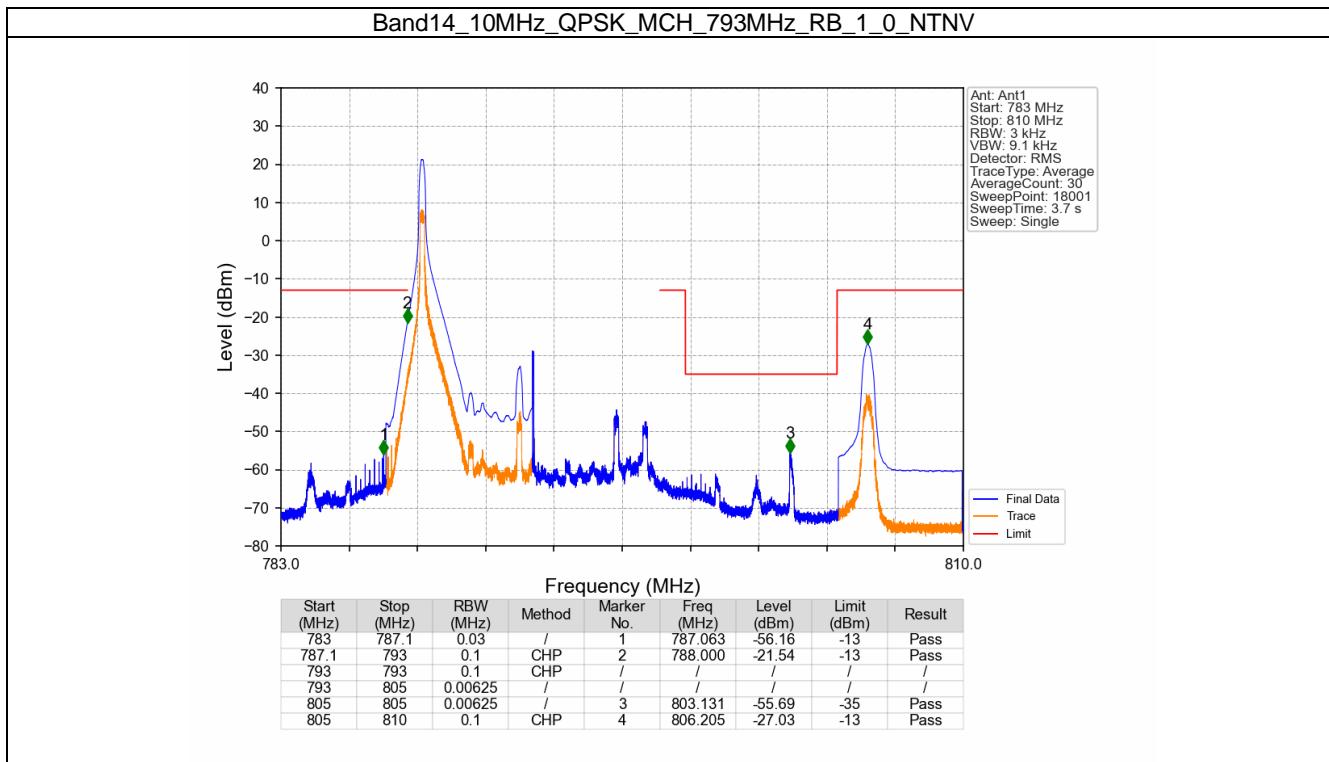
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6.2.2 Test Graph



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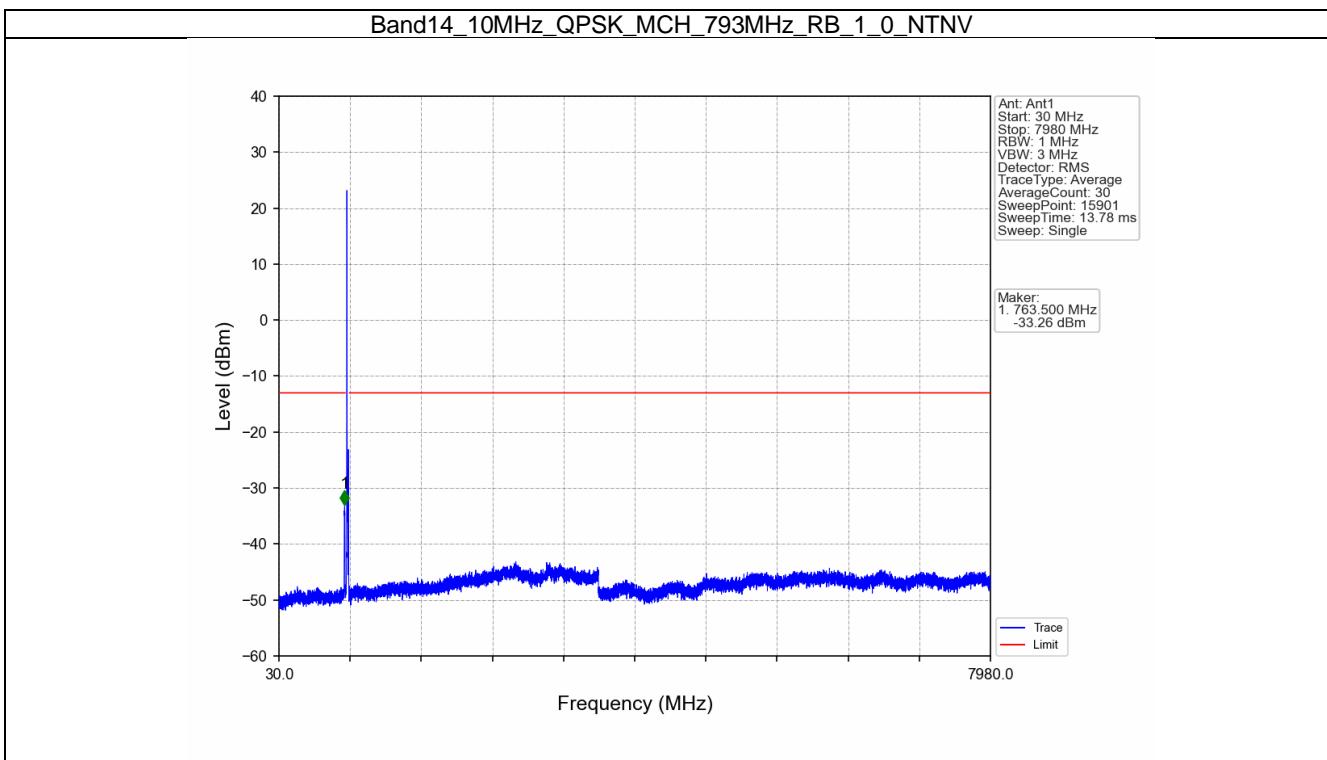
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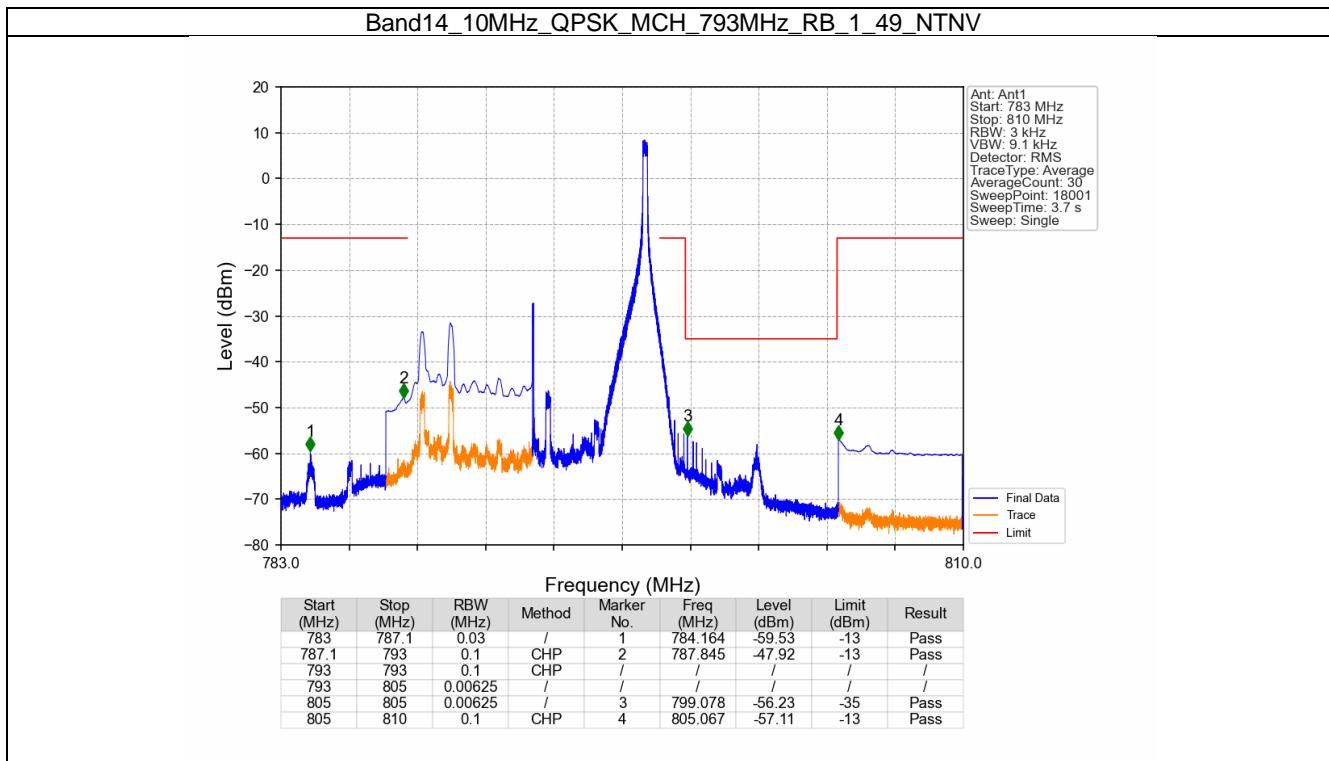
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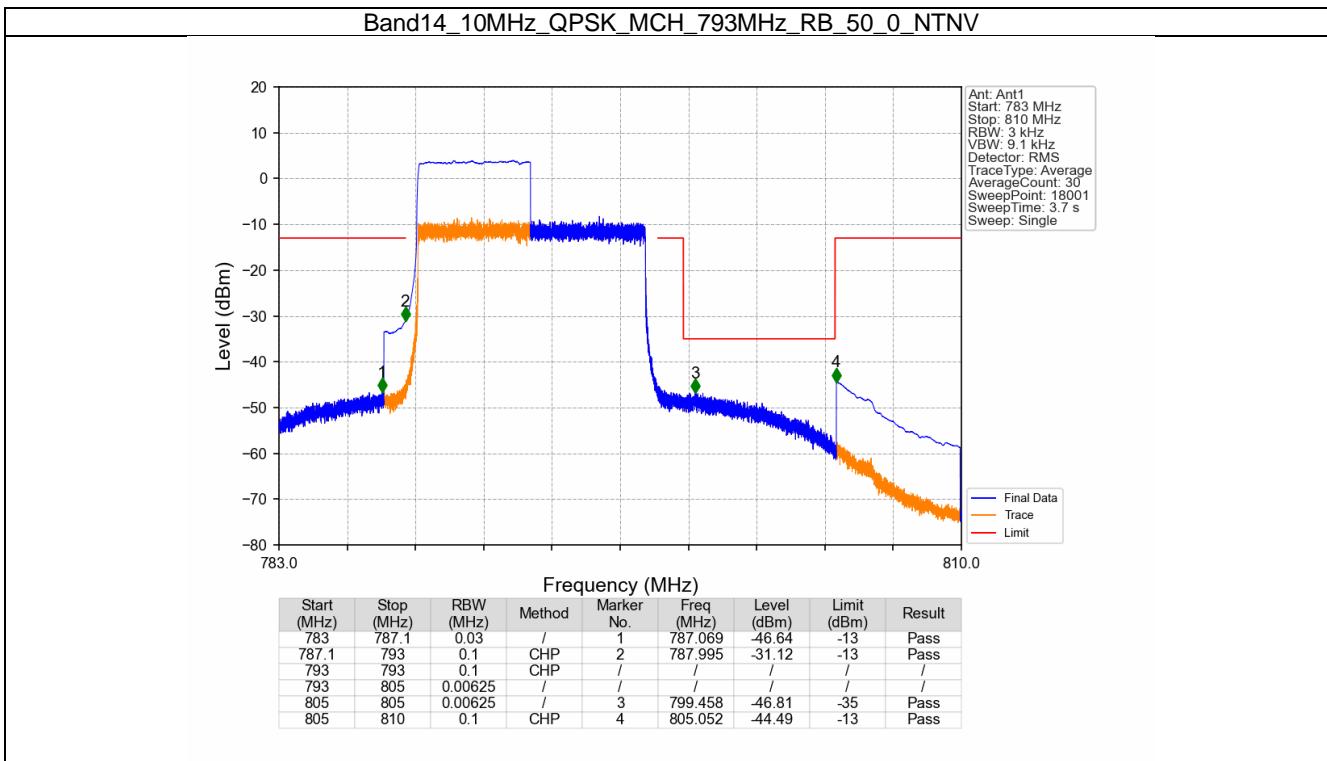
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7. Field Strength of Spurious Radiation

Test Band = LTE Band14_10M_ TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1577.1800	44.04	-48.29	25.19	-74.32	-40.00	34.32	Horizontal
2	2365.7700	42.11	-47.47	26.93	-73.69	-13.00	60.69	Horizontal
3	3154.3600	41.51	-46.50	28.39	-71.85	-13.00	58.85	Horizontal
4	3942.9500	41.30	-46.22	29.04	-71.13	-13.00	58.13	Horizontal
5	4731.5400	40.84	-45.75	30.81	-69.36	-13.00	56.36	Horizontal
6	5520.1300	39.89	-45.17	32.60	-67.93	-13.00	54.93	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1577.1800	42.59	-48.29	25.19	-75.77	-40.00	35.77	Vertical
2	2365.7700	41.85	-47.47	26.93	-73.95	-13.00	60.95	Vertical
3	3154.3600	41.74	-46.50	28.39	-71.62	-13.00	58.62	Vertical
4	3942.9500	40.54	-46.22	29.04	-71.89	-13.00	58.89	Vertical
5	4731.5400	40.17	-45.75	30.81	-70.03	-13.00	57.03	Vertical
6	5520.1300	39.80	-45.17	32.60	-68.02	-13.00	55.02	Vertical

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Test Band = LTE Band14_5M_ TM1**Test Channel = Low**

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1579.6800	42.87	-48.29	25.19	-75.49	-40.00	35.49	Horizontal
2	2365.0200	42.98	-47.47	26.92	-72.83	-13.00	59.83	Horizontal
3	3153.3600	41.69	-46.50	28.39	-71.68	-13.00	58.68	Horizontal
4	3941.7000	41.26	-46.22	29.04	-71.18	-13.00	58.18	Horizontal
5	4730.0400	40.34	-45.75	30.81	-69.86	-13.00	56.86	Horizontal
6	5518.3800	40.08	-45.16	32.60	-67.74	-13.00	54.74	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1579.6800	42.19	-48.29	25.19	-76.17	-40.00	36.17	Vertical
2	2365.0200	42.12	-47.47	26.92	-73.69	-13.00	60.69	Vertical
3	3153.3600	40.74	-46.50	28.39	-72.63	-13.00	59.63	Vertical
4	3941.7000	40.48	-46.22	29.04	-71.96	-13.00	58.96	Vertical
5	4730.0400	39.64	-45.75	30.81	-70.56	-13.00	57.56	Vertical
6	5518.3800	39.13	-45.16	32.60	-68.69	-13.00	55.69	Vertical

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Test Band = LTE Band14_5M_ TM1**Test Channel = Mid**

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1581.6800	42.86	-48.29	25.19	-75.50	-40.00	35.50	Horizontal
2	2372.5200	41.94	-47.46	26.94	-73.84	-13.00	60.84	Horizontal
3	3163.3600	41.41	-46.46	28.40	-71.91	-13.00	58.91	Horizontal
4	3954.2000	40.83	-46.21	29.05	-71.59	-13.00	58.59	Horizontal
5	4745.0400	40.24	-45.73	30.84	-69.91	-13.00	56.91	Horizontal
6	5535.8800	38.37	-45.19	32.61	-69.47	-13.00	56.47	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1581.6800	41.52	-48.29	25.19	-76.84	-40.00	36.84	Vertical
2	2372.5200	41.63	-47.46	26.94	-74.15	-13.00	61.15	Vertical
3	3163.3600	41.51	-46.46	28.40	-71.81	-13.00	58.81	Vertical
4	3954.2000	40.52	-46.21	29.05	-71.90	-13.00	58.90	Vertical
5	4745.0400	39.58	-45.73	30.84	-70.57	-13.00	57.57	Vertical
6	5535.8800	38.88	-45.19	32.61	-68.96	-13.00	55.96	Vertical

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Test Band = LTE Band14_5M_ TM1**Test Channel = High**

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1586.6800	42.65	-48.29	25.19	-75.70	-40.00	35.70	Horizontal
2	2380.0200	43.04	-47.46	26.97	-72.71	-13.00	59.71	Horizontal
3	3173.3600	42.25	-46.41	28.40	-71.02	-13.00	58.02	Horizontal
4	3966.7000	41.44	-46.21	29.07	-70.96	-13.00	57.96	Horizontal
5	4760.0400	40.19	-45.70	30.87	-69.90	-13.00	56.90	Horizontal
6	5553.3800	39.82	-45.21	32.61	-68.04	-13.00	55.04	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1586.6800	41.20	-48.29	25.19	-77.15	-40.00	37.15	Vertical
2	2380.0200	42.01	-47.46	26.97	-73.74	-13.00	60.74	Vertical
3	3173.3600	41.70	-46.41	28.40	-71.57	-13.00	58.57	Vertical
4	3966.7000	40.81	-46.21	29.07	-71.59	-13.00	58.59	Vertical
5	4760.0400	39.87	-45.70	30.87	-70.22	-13.00	57.22	Vertical
6	5553.3800	39.19	-45.21	32.61	-68.67	-13.00	55.67	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

2) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---

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